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# Climatological Data



## ALABAMA

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS	71	DATE 29+
LOWEST TEMPERATURE:	2 STATIONS	-3	DATE 17
GREATEST TOTAL PRECIPITATION:	CHATOM 4 N	8.06	
LEAST TOTAL PRECIPITATION:	GUNTERSVILLE	2.62	
GREATEST 1 DAY PRECIPITATION:	TUSCALOOSA FAA AP	2.57	DATE 09
GREATEST TOTAL SNOWFALL:	LIVINGSTON 2 SW	8.0	
GREATEST DEPTH OF SNOW OR ICE:	7 STATIONS	4	DATE 31

### SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE SKY COVER SUNRISE TO SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							CENTRAL												
							00	06	12	18									
BIRMINGHAM WSO AP	32	3.4	8.0	28	SW	26	73	80	61	57	5	5	2	4	1	0	17	54	6.5
HUNTSVILLE WSO AP	32	3.6	9.5	30++	36	16+	73	78	61	62	7	6	1	3	1	0	18	-	6.4
MOBILE WSO AP	35	3.9	9.2	29++	17	09	68	74	53	57	1	5	4	2	2	0	14	-	6.5
MONTGOMERY WSO AP	34	3.8	7.8	30	NW	10	69	76	60	59	3	4	4	4	1	0	16	48	6.2



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

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DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JANUARY 1977

STATION	TEMPERATURE										PRECIPITATION																
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	1.50 OR MORE	1.00 OR MORE				
										30° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	35.4M	17.0M	26.2M		56	27	- 2	17	1200	0	10	28	1			.70	10					4	0	0			
BELLE MINA 2 N	36.5	17.0	26.8		55	28*	- 2	17	1180	0	10	29	2	0	3.26	.85	10				7	3	0				
FAIRVIEW 1 E	37.9	16.9	27.4		58	28	- 1	17	1157	0	10	29	2		3.66	1.54	10	1.1	T	20*	6	3	1				
FLORENCE	39.1	20.5	29.8		59	27	- 1	17	1084	0	6	26	1		3.1F	1.08	9				6	2	1				
HUNTSVILLE WSO AP	38.4	19.0	28.7	-12.2	56	26	- 1	17	1120	0	8	24	1		3.71	1.52	9	.9	T	20*	5	4	1				
MOULTON 2	39.5	20.1	29.8		58	27*	- 1	17	1081	0	7	25	1		3.61	1.40	9	1.4	1	18	5	4	1				
MUSCLE SHOALS FAR AP	35.3	18.6	27.0	-14.3	55	26	- 1	17	1172	0	10	29	1		2.97	.99	9	1.2	1	20*	5	3	0				
NEW MARKET 2	37.7	18.6	28.2		54	27*	- 2	17	1135	0	7	27	2		3.43	1.15	9	1.8			6	4	1				
RED BAY	40.6M	21.6M	31.1M		60	27	- 1	17	1041	0					4.02	1.30	9				7	4	1				
RUSSELLVILLE 2	37.9	15.5	26.7		59	28	- 2	18*	1178	0	10	29	2			1.15	10				4	1					
WATERLOO																											
DIVISION			28.2	-13.0										3.48	- 1.83			1.3									
APPALACHIAN MOUNTAINS 02																											
ALBERTVILLE 2 SE	37.4M	21.4M	29.4M	-11.5					1082	0	6	24			4.37	1.72	9				7	4	1				
BIRMINGHAM WSO AP	41.1	22.1	31.6	-12.6	60	28*	3	19*	1026	0	6	24	0		5.08	.24	1.89	9	1.4	1	19	7	5	1			
BRIDGEPORT																											
GUNTERVILLE	41.9M	22.3M	32.1M		59	28	- 1	19*	1002	0	23	2			2.62	1.20	9				3	3	1				
ONEONTA	38.8	18.5	28.7	-13.2	58	29*	0	17	1117	0	10	28	1		5.39	1.68	10	1.8			11	4	1				
SAINT BERNARD	38.3	19.0	28.7	-12.2	59	28	0	19*	1121	0	9	26	2		4.37	1.89	9				5	4	1				
SAND MT SUBSTA AU	36.3	17.7	27.0		55	29*	- 2	17	1169	0	9	29	3		3.88	1.20	10	.9			7	3	1				
SCOTTSBORO	38.1	15.4	26.8	-14.3	57	28	- 2	18*	1178	0	10	29	2		4.69	1.77	10	.0	0		8	3	1				
VALLEY HEAD	35.8	15.4	25.6	-14.0	55	28	- 3	17	1212	0	10	29	2		3.62	1.54	1.31	10	5.4	2	20	10	2	1			
DIVISION			28.7	-13.3										4.25	- 1.09			1.9									
UPPER PLAINS 03																											
ALICEVILLE																											
BANKHEAD LOCK AND DAM	42.7	23.4M	33.1M		62	28			975	0	4	24			5.46	1.67	10				8	4	1				
CENTREVILLE WSO	43.3	21.0	32.2		64	28	- 1	20	1011	0	4	26	1		5.39	1.66	10	7.9			10	4	1				
CLANTON	43.7	21.5	32.6	-12.0	64	28	2	15	997	0	4	26	0		4.98	1.80	10	6.0	4	31	8	5	1				
DOUBLE SPRINGS	39.4	16.7	28.1		61	28	- 1	19*	1136	0	8	30	3			2.00	14	1.0	1	18	7						
FAYETTE																											
HALEYVILLE 3 NE	39.3	18.5	28.9	-12.5	57	23	- 3	17	1112	0	6	29	2		4.32	1.63	9	.7	T	18	5	4	1				
HAMILTON 3 S	40.0	15.1	27.6		61	28	- 2	18*	1153	0	8	30	4		4.41	1.70	10	.7	1	20*	6	4	1				
JASPER 4 N	40.0	17.7	28.9		59	29*	1	19	1111	0	8	27	0		5.29	1.08	9	1.0	1	21*	9	5	2				
PRATTVILLE	46.2M	25.0M	35.6M	-11.8	64	28	9	19	905	0				0	4.70	.20		4.0									
THORSBY EXP STATION	43.5	25.1M	34.3M		63	27	2	19	950	0	4	23	0			1.96	9				8	5					
TUSCALOOSA FAR AP	42.4	23.7	33.1	-11.9	60	28*	- 1	19	983	0	4	23	1		5.68	.79	2.57	9	4.0	3	18	8	4	1			
TUSCALOOSA OLIVER DAM	42.9M	22.9M	32.9M		62	28	3	20	985	0	25	0			5.70	.72	2.16	10			8	4	1				
VERNON 2 N	40.6	18.9M	29.8M		62	28			1075	0	9	28			5.06	1.85	9	2.3			8	4	2				
WINFIELD 2 SW	39.8	18.7	29.3		60	28	- 2	19*	1101	0	9	29	2		5.34	2.01	10	1.3			8	4	1				
DIVISION			31.3	-13.0										5.12	-.05			2.9									
EASTERN VALLEY 04																											
ANNISTON FAR AP	41.6	22.7	32.2		62	27	4	19	1009	0	6	24	0		5.05	2.16	9	2.0	1	31*	6	4	1				
CALERA 2 SW	44.7	24.2	34.5		63	27	1	19	938	0	5	22	0		5.10	.14	2.00	9	3.0		7	4	2				
CENTRE 4 SW	38.7	20.5	29.6		58	28	1	17	1090	0	10	26	0		4.89	1.78	10	1.0			9	4	1				
CHILDOERSBURG WTR PLANT	44.7	24.2	34.5		63	27	3	19	940	0	4	21	0		5.25	.67	2.00	9	2.3		7	4	1				
GAOSEN STEAM PLANT	38.3	21.0	29.7	-13.1	59	28	1	18*	1089	0	10	26	0		4.88	1.82	10				8	3	1				
TALLADEGA	43.0	19.9	31.5	-13.5	63	27	- 1	19	1031	0	4	24	1		5.10	.44		1.0									
DIVISION			32.0	-11.9										5.05	-.01			1.9									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	43.5	22.7	33.1		62	28	5	19*	983	0	4	26	0		4.70	1.45	10	.3			8	5	1				
ASHLAND 2 SSE	39.8	19.4	29.6		59	27	0	18	1090	0	8	26	1		5.66	1.90	9	3.5			11	5	1				
AUBURN AGRONOMY FARM	44.2	24.3	34.3		62	29	3	19	946	0	4	23	0		4.35	.90	14	5.8			4	31	8	5			
CAMP HILL 2 NW	43.6	20.1	31.9		63	29	1	20*	1022	0	5	28	0		4.29	1.01	10	3.0			10	5	1				
HEFLIN	38.4M	19.1	28.8M		60	28	- 1	19	1114	0	8	27	2			1.90	10	3.5									
LAFAYETTE	43.9	24.3M	34.1M		64	27	4	17	959	0	3	22	0		4.36	.86	3	2.8	3	31	9	5	0				
MARTIN DAM	43.8	25.2	34.5		63	27	4	18	937	0	4	25	0		4.45	1.04	9				11	4	1				
OPELIKA	44.9	21.7M	33.3M		62	28	3	20	984	0	3				4.22	.77	10	5.3			11	4	0				
ROCKFORD 2 NNW	43.1	20.4	31.8		64	28	1	19*	1025	0	5	26	0		5.21	1.59	10	3.3			9	6	1				
ROCK MILLS	43.7M	22.9	33.3M	-10.9	64	28	4	17	978	0	3	25	0		4.30	1.30	10				5	5	1				
DIVISION			32.5	-12.8										4.62	-.18			3.4									
PRAIRIE 06																											
DAYTON 1 N	44.5	25.9	35.2		65	28	4	19	916	0	4	21	0		5.68	1.39	1.90	10	2.0		7	5	3				
DEMOPOLIS LOCK AND DAM	44.4	23.2	33.8		65	28	7	20*	961	0	5	27	0		5.20	.70	1.17	10	2.1		8	5	2				
GRAINESVILLE	43.3	22.5	32.9		63	28	5	19	989	0	5	26	0		6.36	1.61	2.08	10	5.0	4	31	7	6	2			

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JANUARY 1977

STATION		TEMPERATURE											PRECIPITATION															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
											MAX.	MIN.							TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
												32° OR MORE	32° OR LESS	32° OR LESS														
GREENSBORO		45.5	25.1M	35.3M	-12.1	65	27	4	19	922	0	3	22	0	5.07	.44	1.92	9				7	4	1				
LIVINGSTON 2 SW		46.5	22.7	34.6		67	28	2	19	936	0	3	26	0	6.26	1.76			8.0			9	4	2				
MARION JUNCTION 2 NE		43.9	21.8	32.9		63	29	2	20	988	0	4	26	0	5.70	1.41	1.50	10				9	4	2				
MINTER 3 NW		45.1	25.1	35.1		65	29	8	20	920	0	3	23	0	6.20	1.72	1.4		6.0			10	5	2				
MONTGOMERY WSO AP	R	44	27.7	36.0	-11.5	63	28	7	19	894	0	3	23	0	4.87	.85	1.03	14	6.0	3	31	9	5	1				
SELMA			28.5	38.3	-10.8	64	28	6	19	822	0	3	21	0	5.88	1.47	1.79	10				10	4	2				
UNION SPRINGS 4 S			23.4	33.5	-14.3	58	29	4	20	967	0	7	28	0	5.49	1.15	1.70	14	5.8			10	4	1				
DIVISION				34.8	-12.7										5.67	1.30			5.3									
COASTAL PLAIN	07																											
ANDALUSIA 1 NW			23.3M	36.6M	-12.6	69	29	5	19	883	0	2	24	0	4.43	-.14	1.40	14		0		6	4	2				
ATMORE			28.6	39.8		71	29	9	19	769	0	2	20	0	6.06		2.00	14	4.1			10	4	2				
BEATRICE 1 E			26.0M	36.0M		67	29	7	19	895	0		23	0			1.79	14				5	1					
BRANTLEY			24.2	37.0		67	29	6	19	864	0	2	26	0			1.39	14		2	31			2				
BRENTON 3 SSE																												
CAMDEN 3 NW		45.1	24.6M	35.1M		65	29	5	19	916	0	4	26	0	6.20		1.64	14				9	5	2				
CHATON 4 N		50.7	28.2	39.5		68	28	5	19	784	0	1	21	0	8.06		1.94	18				10	6	3				
CLAYTON		46.6	25.3	36.0		64	29	3	19	892	0	3	24	0			1.27	14						3				
ENTERPRISE		49.9M	28.8M	39.4M		68	28	8	19	785	0	1		0	4.52		1.08	3	4.8			6	4	2				
EUFULA WILDLIFE REF		50.3	26.7	38.5	-10.3	67	28	7	19	816	0	2	22	0					4.0		4	31	7	3				
EVERGREEN		47.9	25.4	36.7	-11.7	68	6	6	19	872	0	3	25	0	5.52	.85	1.87	14	5.0			9	4	2				
FRISCO CITY		47.6	25.5	36.6		68	29	4	19	876	0	2	22	0	5.12	.24	1.65	14	7.5			9	5	1				
GENEVA 2		50.5	27.6	39.1		70	29	8	19	797	0	1	21	0	5.32		1.06	3	3.5			10	4	1				
GILBERTOWN		45.7M	27.1M	36.4M				2	19	888	0	2	21	0	6.87		2.25	14	6.7			8	4	2				
GREENVILLE																												
HEADLAND		48.8	26.9	37.9		68	29	7	19	832	0	2	22	0	5.17		1.14	10	3.5			8	4	2				
HIGHLAND HOME		47.5	24.1	35.8	-12.7	65	29	3	20	898	0	3	27	0	5.20	.37	1.55	14	4.9		4	31	12	4	1			
OZARK 6 NNW		50.4	30.0	40.2	-10.3	64	10	5	19	762	0	2	19	0	5.73	1.57	1.25	14				6	5	4				
PITTSVIEW		47.3	22.8	35.1		65	29	4	20	922	0	2	26	0	4.09		1.05	14	2.8			9	4	1				
THOMASVILLE		47.6	23.4	35.5	-11.9	67	29	5	20	907	0	2	25	0	6.17	1.57	1.64	14		4	31	9	5	2				
TROY		48.4	28.6	38.5	-10.6	65	28	4	19	812	0	3	21	0	3.95	-.36	1.19	14	4.0			8	3	1				
WHATLEY		49.7M	23.8M	36.8M		65	27	4	19	883	0	3	23	0			1.65	14	6.5					2				
DIVISION				37.3	-11.9										5.49	1.03			4.4									
GULF	08																											
BAY MINETTE		53.1	30.5	41.8	- 9.9	70	28	10	19	713	0	1	18	0			2.03	14	2.9				3	3				
COHEN		52.7	32.5	42.6		70	28	12	19	685	0	1	18	0	5.56		2.42	14	.4		0	6	6	1				
DAUPHIN ISLAND 2		50.1	35.0	42.6		64	29	15	19	689	0	0	10	0	3.85		.92	3				6	4	0				
FAIRHOPE 2 NE		51.5	30.9	41.2	-11.1	69	29	13	19	731	0	0	20	0	6.14	1.72	2.19	14				8	4	2				
MOBILE WSO AP		50.5	31.3	40.9	-10.3	70	28	12	19	738	0	1	17	0	5.54	.83	1.58	14	1.9		1	31	8	4	2			
ROBERTSDALE		52.9	29.7	41.3	-10.6	71	29	12	20	727	0	0	21	0	5.86	1.37	1.93	14				9	4	2				
DIVISION				41.7	-10.2										5.39	.90			1.7									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY PRECIPITATION

ALABAMA  
JANUARY 1977

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>* * *</b>																																	
NORTHERN VALLEY 01																																	
ATHENS 2																																	
BELLE MINA 2 H	0 3.26			.50	.22	.10	.06			.35	.70					.50										.40							
FALKEVILLE 1 E	3.68			.24	.03	.08	.02			.65	.13	.05	T			.42	.08	T	0 .03	0 .03	.02	T				.54	.04		.10				
FLORENCE	3.16			.27						.60	.10	1.54				.01				.01	.03	.01				.58							
HODGES	3.47			.36	.01	.03	.42			.03	1.00	.04				.55	.01			.06	.01	.06			.05	.31	.01		.15				
				.30		.03		.52		.37	1.01					.60	.05			.09	.02												
HUNTSVILLE WSO AP	3.71		T	.11	.08	T	.60	T		1.52	T				.03	.57	T		.05	.04	T					.04	.63						
MULTON 2	3.61			.35	.06	.04	.53	.05		1.40	.03					.53				.03	T					T		.04		T			
MUSCLE SHOALS FAA AP	2.97			.06	.07	.06	T	.53	T	.90	T				.07	.51	T		.05	.03						.07	.31		.22				
NEW MARKET 2	3.43				.50	.12	.51			1.15						.46					.09						.60						
RED BAY	4.02			.21		.40				1.30						.60				.51		.51			T	.41							
RUSSELLVILLE 2				.26	.04	.12		.50		.18	1.15					.55	.12			T						.70			.07				
WATERLOO																																	
<b>* * *</b>																																	
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 SE	4.37				.01	.32	.57			.10	1.72					.73	.05	.15			T					.73							
BIRMINGHAM WSO AP	5.08		.10	.30				T	T	1.60						.76				.04	T					.08	.85			.50		.02	
BOAZ	3.92	T		.10	.24	.05	T	.68	T	.30	1.15	T				.44	.21	T	.01	T	T					.67	.06						
BRIDGEPORT																																	
COLLINSVILLE				.50		.10	.45			1.90						.75											.71						
FORT PAYNE	3.03			.09	.13	.05		.63	.08	1.30	.01					.45	.20	T	T	T	.02	.02			T	.40	.05		.03				
GADSDEN CITY	4.48			.44	.05	.07		.66		.50	1.30					.80	.16		0 .05	T	.10					.76	T						
GUNTERVILLE	2.62				.05			1.20	.09							.05																	
LEEDS	5.85			.60	.10	.04		.64	.52	1.64						.57	.20			.07	T					.92	.01		.43		.03		
MAGELLA	5.50			.44	.12	.03		.82	.20	2.01						.58	.35				.01						.92	.07		.24			
ONEONTA	5.30			.46	T	.19		.73	.17	1.68						.82	.41		.10		.10	T				.72	.03		.07	.11			
PALMERDALE 2 W	5.55			.90				.74	.70	1.00						1.02			.06	T							.78			.35		T	
SAINT BENNARD	4.37			.47	.03	.03		.65	1.89							.81	.07				.02	.03					.57	.03					
SAND MT SUBSTA AU	3.80			.30		.08		.71	.32	1.20						.43	.26				.02	.01					.52	.03					
WAYNE	5.60			.57	.04			.76	1.32	.72						1.09			.03		.01						.78	T		.27		T	
SCOTTSBORO	4.60			.90	.05	.08	T	.58	.11	1.77						.48	.13	T	T		.01	.01				.45	.10		.02				
VALLEY HEAD	3.62			.11	.14	.05	.01	.58	T	1.11	1.31					.30	.23	T	.01	T	.05	.12	.06			.43	.13	T	T				
WARRIOR 6 W				.54		.05		.75	.57	1.57										.12	0 .18	T				1.84				.10			
<b>* * *</b>																																	
UPPER PLAINS 03																																	
ALICEVILLE																																	
ARLEY 3 S	4.71			.41	.02	.04		.59		.35	1.69					.60	.15			.02	.02	.01				.14	.65	.02					
AUTRAURVILLE 3 N	5.12			.63	.20			.74	1.44							1.05	.42			.07	.10								.10		.28		
BANKHEAD LOCK AND DAM	5.46			.52	.02	.05		.35		.30	1.67					.83	.25			.05	.02						.86	.02		.40	.02	.01	
BILLINGSLEY 1 SE																																	
BROOKWOOD	4.35			.50	.05	.05				1.40		.05	.10			.70	T	.05	T	.10	.15						.95			.20		.05	
CARDON HILL	5.29			.28	.20			.64		2.30						.80	.08			.10	.10	.01					.85			.03			
CENTREVILLE WSO	4.39			.66	.20	.02		.40	.41	1.66						.72	.03			.10	.10	T					.62	.01		.02		.35	
CLANTON	0 4.98			.65	T			.60		1.80						.65			0 .15	0 .05							.58		T			0 .40	
CORNOVA																.85	.30										.87	.03		.01			
DOUBLE SPRINGS				.75	.10			.65	1.20	T						2.00			0 .10		T												
ELWOOD	5.78			.30		.05		.45	.80	1.60						1.00	.05			.20							.97			.31		.05	
FAYETTE																																	
GORGAS	5.80			.48	.20	T		.66		.42	1.81					.95	.32			.05	.10						.78	.03					
HALEYVILLE 3 NE	4.32			.39	.04	.04	.62	.03	1.63	.02						.74				.07	T	.02					.72						
HAMILTON 3 S	4.41	T		.31	.02	.03		.55	.05	1.70	T					.79	.14		.05	T	T						.76	.01					
JASPER 4 N	5.29			.30	.15	.08		.72	1.08	1.07						.75	.17		.10		.01						.71	.04	.03	T			
LAY DAM	4.45			.58	.12	.05		.64	.08	1.34						.53	.01			T	.20						.56	.12		.06	.05	.11	
MITCHELL DAM	4.64			.58	.20	.08		.75	1.45							.50	.18					.05					.34		.27			.24	
PICKENSVILLE	6.08			.59				.50	1.65							1.05											1.13			.16			
PLANTERSVILLE 2 SSE	0 6.37			.05	T	.10		.70		.50	1.82					.98	.02			.10	.10						.45			.25		0 .40	
PRATTVILLE	0 4.70										2.50					1.05			0 .40								.85						
REFORM 2 E	5.76			.35	.06			.48	1.09	1.27						1.04	.02			.25	.05						1.05			.10			
THORNSBY EXP STATION				.73	.03	.04	.32	.32	1.96	.09						.69	.01			.69	.01						.66			.06		.04	
TUSCALOOSA FAA AP	5.68		.11	.40	.01	.04	.57	T	2.57	T						.10	.75			.22	T						.88	.07		T			
TUSCALOOSA OLIVER DAM	5.70			.44	.13	.04		.51	.37	2.16						.76	.09			.14	.03						.80			.06		.07	
VEONDA 2 N	6.00			.20	.12			.56	1.85	.25						1.09	.08			.10							.76			.05			
WEST GLETON																																	



ALABAMA  
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STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LIVINGSTON 2 SW	0 6.26			.53	.05			.42	"	2.54				1.17				.35							.66			.04	.05		0 .45	
MADISON 6 NE	0 5.39			.80	.04	.04		.52	.42	1.40				.68				0 .10	0	.20					.80			.01	.04	.04	.10	
MADISON JUNCTION 2 NE	5.70			.97	.13	.05		.83	.35	1.50				1.10	.03			.07							.46			.10	T	T	.32	
MATHEWS 2 N	5.13			1.02	.15	.13		.65	.80	.30				1.24				T							.65			.10				
MILSTEAD	4.40			.66	.14	.03	T	.12	.03	.67				1.08	.03					.10					.66	.05		.08	.03	T	.20	
MINTER 3 NW	0 6.20			.98	.14	.02		.65	.11	1.23				1.72				0	.20						.56			.18			0 .40	
MONTEVERDE WSO AP	9 4.87	.34		.70	T	.01	.51	.80	.95				.08	1.03	.60			.30	T				.02	.60		.05		.05			0 .16	
PERRYVILLE	5.33			.70	.14	.03		.60	.26	1.43				.93	.02			.06	.11					.54	.04		.03	.02	.11	.10		
PINE LEVEL	0 5.95			.86	.61			.60		.76				1.54	.01				.35						.36			.11	.01		0 .40	
SALMA	0 5.88			.86	.13	.02		.56	.12	1.79				1.17	.04			0	.08	0 .10					.40	.05		.11	.02	.03	0 .40	
SUTTLE	-			1.03				.73		-				1.00											.63			.04	.06		-	
UNION SPRINGS 4 S	5.40			.70	.20	.04		.72	T	.81				1.70	.05				.20					.33	.10		.13	.03			0 .40	
UNITEDWAY	0 4.97			.98	.10			.68	.81					1.12				0 .05						.80							0 .40	
WABBIT LOCK AND DAM	4.77			.98	.15			.35	.68	1.19				1.00	.06					.02				.06	.99	.03			.05			
WABBIT PLAIN	07																															
ABBEVILLE 1 NNW	5.60			1.01	.13			.81		1.50				1.15	.30			T		.10				.24	.06						.30	
ALBERTA	6.22			.92	.08	.02		.56	.37	1.93				1.47	.02				.09					.48		.03	T			.22		
ANDALUSIA 1 NW	4.43			1.13	.06	.03		.65	.55					1.40	.08									.28	.08		.10	.05				
ATHENS	0 6.06			1.20	.10			.95	.35					2.00				0 .18		.20				.32			.26			.50		
BEATRICE 1 E	-			.65	.21			.50		.63				1.79										.31			.55			-		
BENTLEY	-			1.06	.10			.62		.61				1.30	T									.55	.02		.23	.06		-		
BENTON 3 SSE	-	-	-	1.01			-	.44	-	-	-	-	-	.92	-	-	-	-	-	-	-	-	-	.15	-	-	-	-	-	-	-	
BUNNICOIDE	4.57			1.01	.08	.02		.66	.12	1.10				1.24	.12				.01					.36		.15		.07	.11	T		
CAMDEN 3 NW	0 6.20			.92	.15	.01	T	.61	.12	1.56				1.84										.51	T		.11	T		0 .45		
CHATON 4 N	6.06			1.00	T		.40	.66	.50	.88				1.69				1.94						.30			.30			.14	.33	
CLAIBORNE	0 5.33			.91	.05	.15		.69		.61				1.51				0 .30						.56							0 .35	
CLAYTON	4.14			1.14	.07	.04		.45						1.10	.05								.36		.08		.08	.03				
COFFEE SPRINGS 2 NW	5.25			1.10				.95	.55	1.04				1.10					.25					.27			.27			.27		
COTTONTON	4.20			.93	.15			.65	.66					1.06	.24								.33	.05		.33		.05			.13	
ELBA	3.96			1.35	.07	.05		.56		.40				.61	.28					.05				.25	.07		.06					
ENTERPRISE	0 4.52			1.08	.06	.02		.73	.03	.73				1.05	.06			.03						.22	.04		.07	.05			0 .35	
EUFAULA WILDLIFE REF	-			-	.17	.03		.48	.02	.74				1.09	.07			T					.33	.04		.08	.06			.28		
EUROGREEN	0 5.52			.20	T		T	.39		.52				1.67	T					0 .25				.80	T		.30	T		0 .25		
FISCO CITY	0 5.12			.70	T	.10		.69	.50					1.65	T		T			0 .35				.57			.16			0 .40		
GENEVA 2	5.32			1.06	.10	.05		.95		.77				.95	.35					.04				.36	.02	.15	.17			.35		
GEORGIANNA	4.76			.75	.07	.03		.52	.02	.65				1.65	.05				.05					.46	.02	.09	T			.22		
GILBERTON	0 6.67		.25	.60	T	T	.80	T		2.08				2.25				0 .22						T			.47			T		0 .40
GREENVILLE	0 5.17			1.10	.06	.05		.60		1.14				.90	.35			T	T					.25		.10				0 .35		
HIGHLAND HOME	5.20			.90	.14	.16		.70		.62				1.95						.19				.24	.10		.18	.12		.30		
JACKSON	0 5.49			1.12	.02	.01		.89		.75				1.60	.01			0 .40						.43		.06				0 .20		
KINSTON	4.24			1.03	.05	.04		.78	.01					.05									.23		.10		.23			.23		
LAKEVILLE	4.87			1.12	.08	.03		.53		.98				1.11	.12			.15	.06					.20		.22		.07	.06	.20		.21
MELVIN	6.29			.90	.10		.06	.60		1.80				1.88				.16						.36			.12			.27		
NEWTON	-			1.50				-		1.00				.50	1.50			0 .15						-				.50				
OSARK 6 NNW	5.73			1.17	.03			.73	.06	1.07				1.25					.02					.33			.05				1.02	
PINE APPLE	4.68			.10				.87	.12	.83				1.72					.12					.54			.36			.03		
PLATTSVILLE	0 4.09			.86	.12	.02		.53		.90				1.05	.16			0 .03						.23		.10		.03	.09		0 .25	
THOMASVILLE	6.17			.86	.27	.02		.73	.05	1.46				1.64	T			.14	.03					.52			.15			.31		
TROY	3.95			.99	.10	.02		.52		.27				1.19	.04				.06					.36	.02	.12		.05			.20	
WALLACE 2 E	-			-	-	-		1.75						2.00					0 .25					-			.55			-	T	
WHATLEY	-			-	-	-		.75					1.25	1.65					0 .35					-			.29			0 .30		
GULF	08																															
GAY MINETTE	-			1.34		.02		1.01	.39					2.03				0 .14						-			.35				0 .15	
GODEN	5.56			.51	.69	T	.02	T	.08					.50	T									.85			.53			.05		
ORUPHIN ISLAND 2	3.85			.05	.92	.05	.02	.60	.01		.04			.89						.02				.37			.20	.04		.62		
FAIRHOPE 2 NE	6.14			.01	1.12	.05	.03	T	.70	.02	.14			2.19	.02				.04					.37			.70	.32		.35		
MOBILE WSO AP	5.54			1.07	.01	.01	.01	.61		.24				.44	1.98									.37			.71				0 .06	
ROBERTSDALE	5.86			T	1.18	.12	T	T	.75	T	.13			1.93	.06					.06				.41			.32	.55	T		.35	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY TEMPERATURES

ALABAMA  
JANUARY 1977

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	18 7	26 8	31 18	35 30	42 34	42 33	36 32	33 18	40 24	35 10	25 5	29 11	36 16	49 25	44 -2	20 2	20 1	21 2	25 7	46 10	40 17	35 17	45 29	38 27	40 20	56 29	55 28		25 6	40 14	35.4 17.0		
BELLE MINA 2 N	MAX MIN	20 7	28 8	31 18	35 30	42 33	43 33	36 32	33 21	41 23	43 13	24 7	28 7	39 17	51 19	45 31	44 22	-2 -1	21 3	25 7	36 12	39 13	37 19	46 20	38 30	40 23	55 27	55 30	50 7	24 7	39 12	36.5 17.0		
FALKVILLE 1 E	MAX MIN	20 13	27 24	32 31	35 30	43 33	44 33	37 32	35 19	43 22	46 12	26 6	29 6	37 13	50 24	50 31	46 23	25 2	22 7	18 2	25 7	39 12	43 13	35 19	48 20	40 30	46 23	57 27	58 30	54 2	27 2	40 12	37.9 16.9	
FLORENCE	MAX MIN	29 7	39 17	33 27	41 32	44 38	39 33	38 30	40 21	42 35	41 10	26 8	37 17	42 21	43 36	45 30	42 15	20 -1	22 12	25 3	37 19	41 15	41 19	45 17	39 21	42 27	58 27	59 26	54 22	28 6	42 16	38 15	39.1 20.5	
HUNTSVILLE WSO AP	MAX MIN	26 7	31 16	38 27	43 35	44 37	38 36	38 26	42 22	45 33	33 11	30 8	39 17	51 21	48 34	43 30	31 4	21 -1	21 3	25 2	38 20	42 13	36 17	47 19	40 33	40 26	56 21	55 23	23 9	40 3	33 12	38.4 19.0		
MOULTON 2	MAX MIN	28 8	29 16	35 28	41 33	45 38	39 34	37 28	43 19	43 34	40 10	39 6	39 14	51 22	46 36	46 29	36 14	-1 -1	22 10	26 2	39 19	47 14	37 17	49 20	41 34	43 30	58 26	58 30	50 20	28 5	39 14	35 16	39.5 20.1	
MUSCLE SHOALS FAA AP	MAX MIN	27 9	29 18	35 27	40 32	44 34	35 32	33 24	40 21	40 32	25 10	26 8	35 16	42 22	43 34	42 29	29 3	20 -1	18 5	23 4	35 19	40 13	33 21	44 21	35 31	37 26	55 26	54 30	44 8	23 4	37 14	30 18	35.3 18.6	
NEW MARKET 2	MAX MIN	24 5	27 15	35 26	41 32	42 38	38 33	35 25	38 18	36 21	42 12	30 8	34 11	50 17	47 37	46 20	44 8	22 -2	18 12	24 0	27 12	38 6	38 22	39 12	38 33	37 29	54 30	54 31	48 17	36 5	40 15	37.7 18.6		
RED BAY	MAX MIN	32 18	34 28	41 28	44 37	40 33	39 30	46 29			17 6	25 15	18 18	47 24	49 37	49 24	22 -1	22 14	27 3	40 18	47 14	45 20	46 24	42 35	44 26	57 24	60 31	56 24	28 8	38 18	39 15	40.6 21.6		
RUSSELLVILLE 2	MAX MIN	19 7	28 7	29 13	35 27	44 33	44 33	37 32	37 17	44 18	43 9	24 5	32 5	36 14	50 17	46 31	48 20	22 -2	23 -2	21 2	27 7	40 11	47 18	36 23	48 23	38 27	43 22	58 27	59 26	50 3	28 3	40 15	37.9 15.5	
WATERLOO	MAX MIN																																	
APPALACHIAN MOUNTAINS 02																																		
ALBERTVILLE 2 SE	MAX MIN	25 8	33 13	34 29	41 33	43 34	38 33	35 29	44 18	40 32	36 13	27 7	38 15	48 25	41 33	45 31	39 15	22 -1	19 15	19 19	32 14	42 14	36 18	46 21	39 32	40 30	57 34	54 23		38 14	33 17	37.4 21.4		
BIRMINGHAM WSO AP	MAX MIN	32 11	34 17	38 32	45 36	50 40	41 36	40 25	48 23	48 35	31 15	42 10	17 17	50 29	47 40	47 28	30 10	26 3	24 6	25 3	43 22	46 17	39 21	48 26	42 35	44 25	56 21	60 38	60 18	30 11	36 16	38 18	41.1 22.1	
BRIEGEPORT	MAX MIN																																	
GUNTERSVILLE	MAX MIN	10 10	35 24	41 33	46 40	44 39	45 34	39 32	40 30	43 33	44 44		45 18	46 34	49 33	50 33	51 18	18 -1	24 12	22 -1	37 18	35 16	40 13	39 18	41 30	52 21	51 23	59 29	58 4			41.9 22.3		
ONEONTA	MAX MIN	21 9	30 10	32 18	35 30	43 34	46 35	40 33	37 19	45 20	27 19	29 7	8 8	40 15	51 28	44 32	46 25	29 0	24 1	20 1	26 5	40 15	43 16	38 24	47 21	40 31	45 25	56 31	58 31	58 7	29 11	38 14	38.8 18.5	
SAINT BERNARD	MAX MIN	20 16	27 17	35 27	36 31	42 34	44 34	38 33	35 17	44 22	44 12	26 8	30 13	38 22	51 24	46 33	45 24	29 0	24 16	19 0	25 5	40 13	44 16	37 19	47 23	40 31	43 14	57 17	59 35	55 7	28 11	39 14	38.3 19.0	
SAND MT SUBSTA AU	MAX MIN	23 8	28 13	33 17	35 26	41 32	42 33	37 32	34 18	43 26	42 15	23 6	37 8	36 21	49 28	41 31	44 26	28 -2	22 -1	19 -1	23 4	34 11	38 12	37 20	45 21	36 31	39 21	54 34	55 5	24 7	38 16	36.3 17.7		
SCOTTSBORO	MAX MIN	25 7	31 7	32 17	36 32	43 35	45 32	39 32	41 18	41 18	39 15	24 6	30 6	40 12	51 19	48 33	24 2	24 -2	23 1	27 8	33 8	40 15	40 8	46 15	38 31	39 20	56 22	57 25	54 4	27 4	40 12	38.1 15.4		
VALLEY HEAD	MAX MIN	20 5	27 10	33 15	34 30	45 31	44 33	38 33	35 15	42 16	41 14	22 5	28 9	38 19	47 27	42 31	46 18	20 -3	23 11	21 0	24 5	31 3	38 5	37 16	45 20	35 31	36 16	52 20	55 24	51 2	24 7	36 10	35.8 15.4	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN																																	
BANKHEAD LOCK AND DAM	MAX MIN	33 14	35 14	34 22	39 33	44 36	48 37	40 36	45 26	49 28	49 21	29 12	34 13	44 20	56 30	56 28	52 20	34 6	31 9	26 2	29 22	46 22	48 22	42 27	51 30	42 29	47 27	48 29	62 42	59 13	34 15	38 19	42.7 23.4	
CENTREVILLE WSMO	MAX MIN	34 13	34 13	33 21	39 32	43 36	53 34	42 33	43 24	46 24	50 25	31 5	34 10	47 18	50 27	53 36	50 28	35 7	30 5	27 2	28 -1	46 14	50 24	45 26	51 29	46 32	49 25	57 25	64 42	61 12	35 11	35 19	43.3 21.0	
CLANTON	MAX MIN	35 12	37 14	35 22	40 34	45 37	55 32	43 34	43 24	47 25	49 22	32 12	36 14	47 20	48 28	52 36	49 25	38 5	30 7	28 2	28 4	46 18	49 22	46 25	53 30	45 29	48 23	56 28	64 36	61 12	35 13	35 22	43.7 21.6	
DOUBLE SPRINGS	MAX MIN	24 7	30 15	34 20	35 31	42 33	43 32	37 31	43 18	45 22	43 11	25 4	33 5	39 14	45 24	51 30	49 19	25 -1	26 -1	28 1	41 5	47 13	40 13	40 20	50 27	39 26	44 19	57 23	61 31	55 3	31 10	38 16	39.4 16.7	
FAYETTE	MAX MIN																																	
HALEYVILLE 3 NE	MAX MIN	26 15	30 15	34 25	39 30	42 36	39 30	36 28	43 20	41 31	41 8	29 3	36 14	50 20	46 34	45 29	41 14	25 -3	22 11	25 -2	38 15	42 13	38 17	57 19	41 31	41 26	55 23	56 30	51 20	34 3	38 12	36 14	39.3 18.6	
HAMILTON 3 S	MAX MIN	23 9	31 9	39 21	36 31	43 34	45 32	38 32	40 19	47 19	44 10	26 4	34 5	40 12	52 18	47 32	40 19	29 -2	26 -2	21 -1	28 0	41 11	47 12	38 16	51 22	40 23	45 18	59 23	61 27	52 5	39 5	38 11	40.0 15.1	
JASPER 4 N	MAX MIN	30 15	29 10	33 18	37 32	43 35	48 33	39 28	40 19	42 19	44 17	28 8	31 8	41 15	51 24	49 33	28 23	27 1	42 5	23 1	27 5	42 15	43 15	38 21	49 23	42 26	45 33	48 31	59 60	59 20	39 12	39 14	40.0 17.0	
PRATTVILLE	MAX MIN			37	46 36	48 42	60 34	48 35	47 26		46 22	34 16	38 18	48 22	52 14	57 38		41 14	33 7	28 9	26 10	60 21	53 29	53 38	47 33	52 26	58 28	64 23	53 23		36	46.2 25.0		
THORSBY EXP STATION	MAX MIN	34 12	31 20	38 31	44 36	53 44	46 33	43 35	46 22	45 35	45 20	34 11	45 20	48 28	50 40	48 35	40 27	29 5	25 20	27 2	45 21	48 20	45 26	52 29	48 31	47 31	55 26	63 30	54 27	47 11	35 17	39 23	43.6 26.1	
TUSCALOOSA FAA AP	MAX MIN	35 15	33 24	39 33	43 37	50 43	43 38	50 29	49 25	39 33	33 26	34 19	45 19	51 26	51 40	49 30	28 13	25 7	24 -1	44 18	47 19	43 25	48 28	43 38	47 26	57 23	60 31	60 20	33 12	37 12	39 23	42.4 23.7		
TUSCALOOSA OLIVER DAM	MAX MIN	31 15	34 15	33 23	38 33	44 37	51 37	48 38	43 25	49 24	49 26	30 14	30 13	45 19	50 29	50 39	51 28	32 9	29 7	26 5	28 3	45 21	50 21	45 26	51 29	44 31	48 26	59 26	62 41	59 14	34 13	42.9 22.9		



# DAILY TEMPERATURES

ALABAMA  
JANUARY 1977

STATION	DAY OF MONTH																																	AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
VERNON 2 N	MAX MIN	25 8	32 9	33 21	36 30	43 34	47 32	39 33	43 19	47 20	44 11	28 5	32 6	41 15	51 27	48 32	50 27	28 1	24 19	22 10	28 11	43 18	49 18	41 27	48 27	41 26	48 19	60 24	62 31	59 6	28 9	38 18	40.6 18.9	
WINFIELD 2 SW	MAX MIN	25 7	32 16	32 19	36 29	44 32	41 32	37 31	41 18	49 34	44 9	27 5	34 12	42 23	48 35	48 30	50 22	27 -2	25 17	22 -2	29 13	42 12	45 19	39 21	48 23	40 24	46 24	58 19	60 31	55 5	30 10	38 14	39.8 18.7	
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	33 13	36 19	38 32	47 36	49 41	41 35	42 28	45 22	45 35	42 17	32 11	42 17	50 31	45 38	49 28	30 9	29 5	23 8	28 4	39 22	47 18	39 25	51 27	41 34	45 29	56 22	62 35	56 17	32 11	38 17	37 19	41.6 22.7	
CALERA 2 SW	MAX MIN	35 12	32 19	39 30	45 32	53 41	45 31	45 36	49 19	45 35	45 28	37 10	45 11	50 36	52 42	51 35	42 20	30 19	29 1	28 1	46 20	50 13	49 18	53 25	49 36	48 29	55 38	63 28	62 37	42 11	31 12	41 22	44.7 24.2	
CENTRE 4 SW	MAX MIN	28 11	31 16	32 20	35 32	48 35	47 35	40 35	40 21	41 27	42 14	27 10	31 15	41 21	50 33	41 24	27 26	31 1	7 5	22 2	26 10	37 13	43 17	39 24	43 28	36 33	42 24	55 28	58 30	54 9	28 14	39 21	38.7 20.5	
CHILDOERSBURG WTR PLANT	MAX MIN	34 12	33 19	38 31	46 36	52 42	48 35	43 37	47 20	45 34	47 21	32 10	46 15	51 25	48 38	49 36	47 22	29 4	27 21	27 3	45 21	48 15	52 18	50 25	47 36	58 31	63 25	62 32	49 11	39 14	40 22	44.7 24.2		
GAOSEN STEAM PLANT	MAX MIN	27 11	31 10	32 17	34 32	43 33	46 34	39 30	39 20	43 31	42 20	27 9	31 16	40 27	50 32	42 33	48 26	31 1	26 1	38 1	21 2	26 7	38 14	39 21	43 24	48 31	38 32	42 23	56 38	59 29	39 8	28 16	39 18	38.3 21.0
TALLADEGA	MAX MIN	31 9	39 12	39 22	43 34	50 39	42 31	45 32	47 12	41 36	40 13	33 7	44 10	53 24	48 40	49 33	40 17	28 1	25 1	29 -1	42 1	48 13	43 19	43 19	53 22	46 29	57 21	63 42	57 35	38 12	38 12	40 19	43.0 19.9	
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	36 13	38 15	35 22	41 32	47 39	53 33	45 36	44 24	46 26	44 26	32 12	35 15	46 20	52 31	53 35	48 26	35 5	30 10	26 5	29 8	46 22	49 21	48 25	51 30	44 32	49 23	56 25	62 40	60 14	34 16	36 22	43.5 22.7	
ASHLAND 2 SSE	MAX MIN	31 10	34 18	37 31	43 35	49 33	41 34	39 20	47 19	43 24	26 9	32 8	41 19	48 26	49 33	45 25	30 1	25 2	22 1	24 3	40 20	43 21	49 26	40 33	54 23	59 32	29 25	38 36	57 8	29 13	38 14	36 28	39.8 19.4	
AUBURN AGRONOMY FARM	MAX MIN	39 15	39 22	36 31	41 33	46 38	57 33	48 36	43 25	50 29	46 27	31 13	36 16	47 26	51 31	55 38	48 29	39 6	31 7	27 3	28 5	45 21	47 25	48 29	50 33	44 33	47 25	54 30	61 40	62 13	36 14	38 28	44.2 24.3	
CAMP HILL 2 NW	MAX MIN	45 12	38 21	32 20	40 31	46 37	52 31	42 31	42 20	50 20	45 27	32 10	37 14	48 14	50 28	52 37	49 23	37 3	31 1	21 1	29 1	45 15	48 16	47 23	50 30	44 31	48 22	55 23	62 39	63 11	35 11	37 18	43.6 20.1	
MEFLIN	MAX MIN	39 10	30 12	33 28	34 31	45 34	49 32	40 33	38 34	47 32	26 22	32 8	47 11	40 20	48 33	42 31	25 20	0 1	25 1	19 -1	25 1	43 10	41 20	39 20	49 24	39 18	41 30	52 18	60 28	40 7	29 6	35 20	38.4 19.1	
LAFAYETTE	MAX MIN	37 12	35 19	39 30	41 36	57 41	45 33	45 35	48 21	44 35	41 25	36 10	47 15	50 29	53 38	51 31	38 23	30 4	25 18	28 10	41 19	50 18	41 20	52 27	43 33	48 31	56 25	64 41	62 10	36 15	38 15	40 25	43.9 24.3	
MARTIN DAM	MAX MIN	37 14	37 28	43 33	47 42	58 33	47 39	45 25	47 32	41 31	32 14	35 19	47 31	50 32	54 54	45 27	37 8	28 8	27 4	31 6	46 23	45 29	44 31	50 50	45 32	48 23	55 38	63 63	60 15	34 19	38 28	38 20	43.8 25.2	
OPELIKA	MAX MIN	45 16	38 16	36 26	40 31	46 37	58 32	48 25	44 21	49 25	47 28	33 15	36 13	47 22	51 31	55 39	48 25	41 7	31 6	28 3	30 22	47 4	49 20	47 27	50 30	44 30	48 23	56 23	62 15	61 15	36 14	40 20	44.9 21.7	
ROCKFORD 2 NNW	MAX MIN	35 10	36 13	35 20	41 31	45 37	54 30	45 33	42 19	48 34	47 24	31 8	35 8	46 19	48 28	52 34	48 24	32 1	30 1	25 1	29 5	46 16	49 23	45 28	50 28	44 31	47 23	55 25	64 42	61 9	35 9	36 21	43.1 20.4	
ROCK MILLS	MAX MIN	37 13	37 19	36 24	42 29	47 37	55 33	40 36	44 19	46 29	42 26	37 11	44 14	49 27	60 36	48 34	49 22	35 4	30 7	28 12	30 12	43 19	49 17	44 25	48 30	42 32	47 18	55 34	64 32	40 11	18 30	30 22	43.7 22.9	
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	35 16	35 21	35 25	42 35	48 40	54 33	45 37	44 25	48 35	55 20	31 15	34 20	43 30	50 39	56 36	48 28	37 10	30 18	28 4	30 12	50 20	53 24	46 30	52 34	47 28	50 25	58 42	65 45	63 15	35 20	33 22	44.5 25.9	
DEMOPOLIS LOCK AND DAM	MAX MIN	32 17	36 16	25 25	32 32	37 37	32 32	44 36	44 25	48 25	54 26	31 16	35 16	43 22	48 29	54 36	50 26	35 9	30 9	28 7	31 7	50 22	62 20	45 25	52 30	47 28	50 26	58 29	65 43	63 15	35 13	36 21	44.4 23.2	
GAINESVILLE	MAX MIN	31 14	36 15	33 25	39 33	42 36	52 34	41 36	44 24	48 26	50 18	31 14	35 15	46 20	48 26	51 32	51 28	33 7	28 8	27 5	30 6	50 20	52 21	45 25	50 31	45 28	52 26	60 29	63 43	61 14	34 15	34 22	43.3 22.5	
GREENSBORO	MAX MIN	37 15	35 23	40 30	48 33	56 36	44 34	46 34	48 24	53 39	49 17	39 12	47 20	48 31	53 42	52 35	40 22	31 7	27 15	29 4	40 19	51 23	48 24	54 29	46 38	52 24	58 32	65 40	63 13	38 17	33 23	40 25	45.5 25.1	
LIVINGSTON 2 SW	MAX MIN	35 13	37 20	37 27	42 31	54 36	57 31	44 35	47 23	50 30	53 17	34 13	44 16	47 22	53 30	54 34	50 25	33 6	30 9	24 2	32 10	51 18	55 23	48 28	50 35	52 27	59 20	64 28	67 45	63 13	37 16	37 25	46.5 22.7	
MARION JUNCTION 2 NE	MAX MIN	35 14	37 14	35 23	40 33	45 37	55 32	45 35	44 24	46 30	55 24	31 13	34 33	44 21	48 29	53 36	49 27	38 8	29 2	28 2	48 20	48 21	46 24	53 28	47 30	48 24	57 24	63 42	63 13	35 10	34 20	43.9 21.8		
HINTER 3 NW	MAX MIN	37 16	36 16	35 25	40 35	47 35	57 26	50 35	42 26	44 29	58 27	35 14	33 14	46 24	52 32	60 38	48 28	40 12	28 8	29 8	27 8	50 24	46 24	56 26	50 30	48 28	56 35	60 46	65 34	65 16	34 17	36 24	45.1 25.1	
MONTGOMERY WSO AP	MAX MIN	37 19	34 27	41 33	48 31	57 40	47 33	46 31	52 26	40 40	42 25	33 19	45 24	52 31	57 45	48 32	40 20	30 12	27 7	26 7	46 23	47 25	52 32	45 25	47 32	54 27	59 42	63 28	65 19	33 23	37 25	37 25	44.2 27.7	
SELMA	MAX MIN	36 15	39 23	43 30	47 37	58 40	52 35	45 38	49 25	59 38	66 27	37 14	48 25	52 30	55 45	55 39	49 30	31 11	30 22	28 6	50 23	51 25	55 42	52 36	50 30	55 26	64 38	64 42	53 21	38 22	40 26	40 28	48.1 28.5	
UNION SPRINGS 4 S	MAX MIN	44 17	41 18	38 25	42 25	50 42	56 32	53 32	54 25	48 29	51 30	32 15	42 15	46 20	54 30	58 40	49 28	37 9	25 9	23 4	27 4	43 23	42 23	43 26	50 30	45 30	54 24	55 25	58 42	58 16	30 22	32 22	43.6 23.4	
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	49 20	42 23	38 28	45 34	49 41	63 27	64 35	50 27	50 24	68 30	35 16	39 17	52 18	59 33	65 40	50 23	45 15	35 14	30 5	31 16	51 16	53 17	62 19	58 33	55 26	50 20	58 20	60 19	69 19	44 20	38 20	49.9 23.3	
ATHORE	MAX MIN	41 24	40 26	39 30	43 36	53 40	65 36	65 41	52 30	57 35	71 27	38 19	41 22	52 31	60 33	66																		

# DAILY TEMPERATURES

ALABAMA  
JANUARY 1977

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BRANTLEY	MAX MIN	48 18	41 19	38 32	46 36	50 42	61 29	61 33	42 25	53 30	66 31	35 17	39 18	51 23	58 32	63 41	53 24	45 12	34 12	30 6	30 14	52 18	54 22	56 27	57 27	52 21	52 21	57 25	63 38	67 20	45 22	41 19	49.7 24.2	
BREWTON 3 SSE	MAX MIN																																	
CAMDEN 3 NW	MAX MIN	36 14	36 23	35 23	40 30	45 36	57 34	51 37	45 28	51 29	60 27	31 16	38 16	45 23	53 29	60 37	48 28	39 11	30 10	29 5	30 15	51 23	51 23	46 28	54 32	50 29	50 27	57 32	60 45	65 16	35 11	36 24	45.6 24.6	
CHATAM 4 N	MAX MIN	33 19	36 18	38 23	43 36	61 37	55 35	47 38	50 28	68 42	66 20	38 15	48 28	59 30	61 47	57 36	50 28	37 10	35 25	5 5	54 20	56 23	55 28	54 32	55 43	52 27	59 27	66 43	68 45	60 17	40 23	40 27	50.7 28.2	
CLAYTON	MAX MIN	48 17	49 19	36 27	44 33	49 40	59 33	56 43	43 26	47 30	60 34	34 15	36 16	48 23	55 32	59 40	50 31	43 8	31 9	28 3	27 17	48 22	48 25	48 31	53 25	50 25	47 35	55 46	59 20	64 24	36 28	36 28	46.6 25.3	
ENTERPRISE	MAX MIN	38 20	39 19	46 27	49 33	60 40	63 32	49 38	52 29	51 33	41 27	39 18	49 28	58 36	61 41	59 29	47 23	40 13	34 9	30 8	50 22	50 25	51 31	55 33	55 30	50 29	54 27	59 29	68 45	55 16	46 18	46 24	49.9 28.8	
EUFULA WILDLIFE REF	MAX MIN	49 19	52 26	44 35	49 34	62 42	58 30	60 30	48 25	47 39	44 31	39 15	49 17	56 29	57 45	58 41	52 26	48 10	31 7	50 15	50 21	51 20	53 28	48 38	49 31	56 22	58 41	67 37	64 21	36 16	42 20	50.3 26.7		
EVERGREEN	MAX MIN	43 21	39 21	37 29	43 36	49 38	68 32	60 36	43 28	48 30	66 32	42 17	36 17	48 23	57 32	62 40	52 28	44 12	32 19	24 6	28 8	50 21	51 22	52 28	54 34	53 28	51 23	52 24	57 42	67 18	38 19	39 23	47.9 25.4	
FRISCO CITY	MAX MIN	36 20	38 22	35 28	39 33	46 38	61 35	60 38	43 27	50 31	68 27	34 16	37 16	47 24	56 34	62 37	51 31	42 12	34 12	30 4	29 5	52 23	54 23	50 34	55 35	54 28	51 27	57 28	63 46	68 17	37 17	37 25	47.6 25.5	
GENEVA 2	MAX MIN	53 23	43 29	39 32	47 37	52 36	64 32	68 34	48 29	49 40	68 36	39 19	39 20	49 24	58 33	48 43	54 28	48 14	34 15	34 8	31 9	52 23	50 23	53 33	56 41	59 30	51 24	57 25	70 41	41 21	38 25	38 29	50.5 27.6	
GILBERTOWN	MAX MIN	37 18	33 27	39 30	42 37	59 40	49 32	43 37	49 25	67 41	54 18	38 16	48 30	35 35		26	30 20	33 19	32 19	31 2	51 21	53 19	49 23	50 32	45 36	48 27	49 33	66 42	39 17	39 20	39 23	45.7 27.1		
GREENVILLE	MAX MIN																																	
HEADLAND	MAX MIN	51 22	42 25	37 30	44 35	51 40	61 34	61 35	47 29	49 33	67 35	38 19	38 19	48 27	58 34	55 31	60 31	48 13	33 14	32 7	30 8	50 24	50 27	51 28	53 29	55 34	50 28	54 29	59 43	68 20	38 21	36 29	48.8 26.9	
HIGHLAND HOME	MAX MIN	41 15	39 18	36 24	41 32	48 40	59 32	57 30	55 27	51 29	59 30	33 15	40 15	48 20	56 27	58 41	59 27	43 9	32 9	29 3	27 3	50 23	52 21	49 30	57 40	49 29	49 27	56 29	61 44	65 16	37 16	36 24	47.5 24.1	
OZARK 6 NNW	MAX MIN	43 19	37 28	45 31	49 40	61 45	58 35	61 40	47 30	57 39	64 31	38 17	50 24	56 34	60 47	60 37	48 33	39 11	31 22	30 5	50 20	51 24	51 30	53 31	52 30	51 29	55 29	59 41	63 46	62 18	37 23	44 27	50.4 30.0	
PITTSVIEW	MAX MIN	49 17	43 22	38 27	44 33	49 39	58 29	54 29	45 22	58 28	54 31	36 14	39 15	49 24	57 27	58 42	51 21	45 8	33 15	30 4	32 4	48 17	50 15	50 25	53 34	48 30	49 19	56 20	58 38	65 15	38 16	37 27	47.3 22.8	
THOMASVILLE	MAX MIN	49 16	39 16	34 25	39 34	47 35	60 31	50 36	43 25	50 28	63 23	35 13	39 14	48 22	52 30	58 34	53 28	41 10	34 10	29 5	32 5	52 20	54 21	51 28	52 35	50 27	52 26	57 28	65 45	67 15	43 15	39 25	47.6 23.4	
TROY	MAX MIN	37 17	36 25	45 32	47 40	59 45	58 33	57 35	46 27	61 40	60 26	36 16	48 22	56 32	59 45	54 40	42 30	31 10	29 20	26 4	49 20	51 23	49 26	56 31	49 40	56 30	60 26	65 44	54 17	36 21	40 27	48.4 28.6		
WHATLEY	MAX MIN	49 19	48 25	46 30	61 34	56 35	50 40	50 39	50 28	50 40	50 22	39 14	41 15	55 19	60 33	63 31	39 23	32 10	49 12	25 4	30 18	49 17	50 20	60 30	59 30	62 23	65 20	45 40	45 12	45 12	20	49.7 23.8		
• • •																																		
GULF 08																																		
BAY MINETTE	MAX MIN	40 24	37 30	42 25	55 39	65 42	67 38	67 39	52 33	70 33	61 25	41 18	51 25	58 44	66 48	58 39	47 31	36 14	31 20	33 10	56 22	56 24	53 30	57 33	57 33	56 28	58 27	65 48	70 48	58 20	40 26	43 29	53.1 30.5	
COOEN	MAX MIN	44 26	42 32	46 34	51 41	64 41	62 43	53 42	64 32	57 49	57 26	41 20	50 28	57 36	62 48	55 43	50 27	42 16	37 22	31 12	52 24	53 24	56 28	52 40	61 48	54 27	54 27	63 44	70 49	65 22	45 25	45 31	52.7 32.5	
DAUPHIN ISLAND 2	MAX MIN	45 32	42 34	43 35	46 40	54 43	58 45	63 45	48 42	61 44	64 29	37 27	40 28	46 36	61 43	59 45	49 33	45 22	39 21	41 15	36 18	49 36	48 37	50 39	56 41	60 35	53 38	55 46	60 50	64 26	42 26	40 34	50.1 35.0	
FAIRHOPE 2 NE	MAX MIN	44 25	44 30	39 32	43 37	53 40	64 41	67 42	48 33	63 38	69 29	38 20	41 20	50 28	63 37	62 42	52 30	47 16	34 24	36 13	34 25	54 26	54 29	55 38	57 41	59 31	52 30	57 32	64 50	69 23	43 24	40 31	51.5 30.9	
MOBILE W50 AP	MAX MIN	41 25	33 31	43 33	50 40	66 44	64 39	49 36	52 35	67 46	46 24	41 20	49 26	54 36	67 48	53 36	45 23	35 15	31 21	34 12	56 24	56 25	54 31	53 39	56 39	53 32	57 32	65 48	70 34	43 22	41 28	43 26	50.5 31.3	
ROBERTSDALE	MAX MIN	53 27	46 26	38 32	45 38	59 41	68 41	67 43	51 34	59 35	60 31	41 21	42 21	51 28	62 37	64 41	55 32	51 17	37 17	35 13	36 12	56 25	57 24	57 30	57 39	61 32	55 28	58 29	67 49	71 25	41 23	40 29	52.9 29.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
JANUARY 1977

STATION	DEPTH (IN)	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	2	MAX	47	38	35	42	45	53	47	44	46	41	42	35	41	46	50	52	43	32	29	31	34	37	45	46	42	49	48	57	56	41	35	42.9
		MIN	34	34	34	33	41	40	38	36	35	38	34	32	34	34	43	35	31	29	29	28	30	32	34	33	37	36	34	40	35	33	34	34.5
	4	MAX	48	40	37	42	46	52	47	45	46	44	44	37	41	46	48	51	45	34	34	34	34	38	44	45	43	47	47	54	54	42	37	43.4
		MIN	37	36	36	37	42	43	42	39	39	40	36	37	37	37	44	40	34	34	34	34	34	36	36	37	40	38	38	42	38	37	37	37.7
	8	MAX	46	38	37	40	44	46	44	40	42	41	37	36	38	41	45	45	36	36	35	35	35	35	38	39	39	42	42	47	48	39	36	40.1
		MIN	38	37	37	36	40	42	40	40	40	37	36	36	36	36	40	36	36	35	34	34	34	34	35	36	39	38	37	40	39	36	36	37.1
HEHOLAND	4	MAX	55	43	40	44	49	56	53	50	47	54	48	39	43	48	50	52	48	37	38	37	35	41	42	44	47	48	47	62	55	44	39	46.3
		MIN	37	36	36	38	43	44	41	42	38	43	36	35	33	35	33	40	35	34	32	28	31	34	35	35	40	38	34	43	39	36	37	36.8
PITTSVIEW	4	MAX	51	44	39	45	48	56	52	50	49	47	49	48	46	49	50	55	49	38	35	35	34	45	46	48	45	52	48	52	55	45	37	46.5
		MIN	38	37	38	39	44	44	44	39	38	43	37	36	37	39	47	41	36	35	35	34	34	34	36	38	40	37	37	42	38	37	37	38.4
THORSBY EXP STATION	4	MAX	43	41	43	46	51	51	46	46	47	47	40	43	43	43	41	40	40	38	38	42	45	44	47	47	48	47	52	53	52	42	45	44.9
		MIN	40	40	41	42	46	45	45	40	46	40	40	38	40	41	40	39	34	37	37	37	37	38	40	44	41	40	44	48	38	40	40	40.6
WINFIELD 2 SW	4	MAX	42	35	34	38	42	46	41	49	42	43	42	41	34	43	45	51	43	34	33	33	33	41	38	41	39	48	46	55	53	38	34	41.2
		MIN	34	34	34	34	37	41	40	37	35	36	34	33	33	34	40	36	33	33	32	33	33	33	34	34	36	36	35	40	35	34	34	35.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
JANUARY 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
" " " PIEDMONT PLATEAU	05	EVAP	-	-	-	-	.02	.00	.04	.00	-	-	-	.02	.05	.01	-	-	-	-	-	-	-	-	.07	.03	.06	.06	.00	-	-	-	-	-
MARTIN DAM		WIND	67	15	22	3	15	29	33	0	9	27	1	4	0	5	2	56	12	50	15	13	22	12	3	2	5	8	5	101	12	1	25	574
" " " GULF	08	EVAP	.10	.04	-	.01	.04	.04	.08	.07	.03	.07	-	-	-	.04	.03	-	-	-	-	-	-	-	.00	.07	.07	.06	.05	-	-	-	-	-
FAIRHOPE 2 NE		WIND	57	37	28	20	12	13	54	27	14	135	25	22	30	29	14	61	44	123	62	33	23	15	14	57	27	9	20	78	23	20	1126	
		MAX	34	40	36	45	52	60	61	51	52	64	41	40	-	57	64	53	47	37	-	-	-	-	46	52	61	52	53	65	-	69	-	51.3
		MIN	34	33	33	35	41	44	43	39	38	38	30	30	-	31	45	37	31	32	-	-	-	-	36	36	37	36	35	47	-	34	-	36.5

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# SNOWFALL AND SNOW ON GROUND

ALABAMA  
JANUARY 1977

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHERN VALLEY 01																																
ATHENS 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELLE MINA 2 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	T	-	.3	.3	.5	T	-	-	-	-	-	-	-	-	-	-
FALKVILLE 1 E	SNOWFALL SN ON GND	-	-	T	-	-	-	-	-	-	T	-	-	-	-	-	-	-	T	T	T	-	-	-	-	-	-	-	-	-	-	-
FLORENCE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUNTSVILLE WSO AP	SNOWFALL SN ON GND WTR EQUIV	-	T	T	T	-	T	-	-	-	T	T	-	T	-	-	T	-	.5	.4	T	-	-	T	-	-	-	-	-	-	-	-
MOULTON 2	SNOWFALL SN ON GND	-	-	.3	T	-	T	-	-	-	T	T	-	-	-	-	-	-	1.1	1	T	T	-	T	T	-	-	-	-	-	-	-
MUSCLE SHOALS FAR AP	SNOWFALL SN ON GND	-	T	-	-	-	T	-	-	T	T	T	-	T	-	-	T	-	.5	.7	-	-	-	T	-	-	-	-	-	-	-	-
NEW MARKET 2	SNOWFALL SN ON GND	-	-	T	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	.3	1.5	-	-	-	-	-	-	-	-	-	-	-
RED BAY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUSSELLVILLE 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPALACHIAN MOUNTAINS 02																																
ALBERTVILLE 2 SE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIRMINGHAM WSO AP	SNOWFALL SN ON GND WTR EQUIV	-	T	T	-	-	-	-	-	-	T	T	-	-	-	-	-	-	1.0	T	1	T	-	-	-	-	-	-	-	-	-	.4
GUNTERSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ONEONTA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3	1.0	.5	-	-	-	-	-	-	-	-	-	-	-
SAINT BERNARD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND MT SUBSTA AU	SNOWFALL SN ON GND	-	-	.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2	.1	-	-	-	.3	-	-	-	-	-	-	-
VALLEY HEAD	SNOWFALL SN ON GND	-	-	T	T	-	T	T	T	T	T	T	-	-	-	-	T	T	T	.9	1.8	1.0	1	T	T	1.7	1	T	T	-	-	-
UPPER PLAINS 03																																
BANKHEAD LOCK AND DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTREVILLE WSMO	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	2.0	T	-	-	-	-	-	-	-	-	-	-	3.5
CLANTON	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	.5	-	-	-	-	-	-	-	-	-	-	-	4.0
DOUBLE SPRINGS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	1.0	1	T	-	-	-	-	-	-	-	-	-	-	4
HALEYVILLE 3 NE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.7	-	T	-	-	-	-	-	-	-	-	-	-	-
HAMILTON 3 S	SNOWFALL SN ON GND	-	T	T	-	-	-	-	-	-	T	T	-	-	-	-	-	-	.7	1	1	1	T	T	-	-	-	-	-	-	-	-
JASPER 4 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1	1	1	1	T	T	-	-	-	-	-	-	-
THORNSBY EXP STATION	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUSCALOOSA FAR AP	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	4.0	T	2	1	-	-	-	-	-	-	-	-	T	T
TUSCALOOSA OLIVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
VERNON 2 N	SNOWFALL SN ON GND	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-
EASTERN VALLEY 04																																
ANNISTON FAR AP	SNOWFALL SN ON GND	-	T	T	-	-	-	-	-	-	T	-	-	-	-	-	-	-	1.0	T	1	-	-	-	-	-	-	-	-	-	-	1.0
CALERA 2 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	1.0
CENTRE 4 SW	SNOWFALL SN ON GND	-	-	.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	.2	.2	-	-	-	-	.5	-	-	-	-	-	-	-
CHILDOERSBURG WTR PLANT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.8	-	-	-	-	-	-	-	-	-	-	-	-	1.5
GAOSDEN STEAM PLANT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TALLADEGA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.5	.5	-	-	-	-	-	-	-	-	-	-	-	-

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# SNOWFALL AND SNOW ON GROUND

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STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WHARTLEY	SNOWFALL SN ON GND																			3.5	-	-	-	-	-	-	-	-	-	-	-	3.0
• • • OULF 08																				-	-	-	-	-	-	-	-	-	-	-	-	-
BAY MINETTE	SNOWFALL SN ON GND																			1.4	-	-	-	-	-	-	-	-	-	-	-	1.5
COOEN	SNOWFALL SN ON GND																			.4	-	-	-	-	-	-	-	-	-	-	-	T
ORUPHIN ISLAND 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAIRHOPE 2 NE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE WSO AP	SNOWFALL SN ON GND WTR EQUIV		T																	.5											T	1.4 1
ROBERTSDALE	SNOWFALL SN ON GND			T																	1.0	-										-

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLPHUS	0063	03	WINSTON	2	34 13	87 11	795					PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J. HAROY, SR.
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	5P	5P		H	ALA. COMMUNITY NETWORK
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 07	88 08	140	7A	7A		H	ROBERT FERGUSON
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6P	6P		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	BA	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B. NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE	0583	08	BALOWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L. BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 SW	0757	02	JEFFERSON	2	33 22	87 01	540	6P	6A		H	INACTIVE 7/31/75
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	6A		H	MRS. CLARA T. PEAVY
BRIDGEPORT	1099	02	JACKSON	12	34 57	85 43	615	8A	8A		H	JAMES R. JOHNSON
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K. STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L. HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G. FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CAMP HILL 2 NW	1324	05	TALLAPOOSA	11	32 50	85 39	680	7A	7A		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS. ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	620	7A	7A		H	ODON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKER
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS. ELIZABETH M. WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M. OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 44	87 50	470				C	TVA-462
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R. O. HERR
CORONA	1940	03	WALKER	2	33 46	87 11	334		7A			MRS. CLARICE E. GRESHAM
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R. N. HERFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			WILLIAM H. EVANS
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M. H. RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 10	87 24	800	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS. HELEN E. FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		C H	MRS. CLYDE F. JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P. ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	5P	5P	5P	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M. DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	5P	5P		H	HENRY G. RICHARDS
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A			CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J. BEARD
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS. GLAORYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C. REYNOLDS

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 49	86 38	445	7A	7A		C H	WILLIE P CRUTCHFIELD
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 15	87 37	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWMOES	1	32 11	86 36	180	7A	7A		H	INACTIVE 11/30/76
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	M10	M10	M10	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A			MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANDUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MAGELLA	4996	02	JEFFERSON	3	33 30	86 51	654		7A			ALABAMA POWER CO.
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			NORA M FLOYD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 03	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FFA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	SP	SP		H	H. WAYNE MC FARLEN
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EDDINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
REGO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	WRMG RADIO
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 31	180		7A			INACTIVE 6/30/76
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	M10		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	OE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
JANUARY 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIOMORE
SCOTT580RD	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLAOEGA	8024	04	TALLAOEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THOR58Y EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW OAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAOISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FEO. AVIATION AGENCY
TUSCALOOSA OLIVER OAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND OAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST 8LOCTON	8809	03	8188	3	33 07	87 07	500		7A			MRS ELIZA J. BEARDEN
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		7A			INACTIVE 4/25/76
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65 F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SOIL TEMPERATURES TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	Chesterfield sandy loam	Bare	0-2%
Headland	Dothan sandy loam	Bare	Unknown
Marion Junction	Sumter Clay	Bare	3-5%
Pittsview	Izagara fine sandy loam	Bare	Unknown
Thornsbey Exp. Station	Fine Loamy	Bare	0-2%
Winfield 2 SW	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

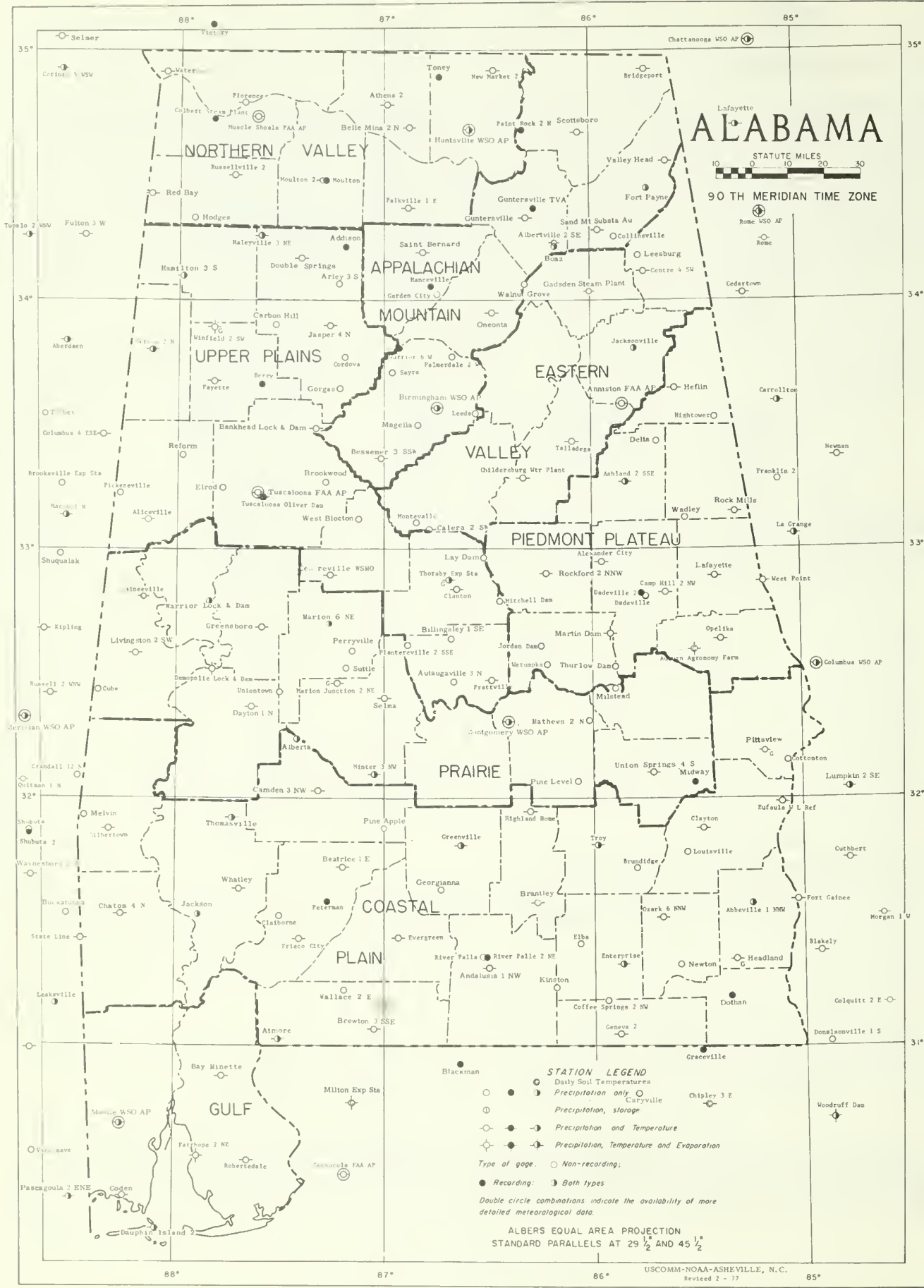
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahooCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



# ALABAMA

10 0 10 20 30  
STATUTE MILES

90 TH MERIDIAN TIME ZONE

## STATION LEGEND

- Daily Soil Temperatures
- Precipitation only
- Caryville
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
- Recording; ● Both types

Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°





U.S. DEPARTMENT OF COMMERCE  
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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CHATOM 4 N	88	DATE	26
LOWEST TEMPERATURE:	VALLEY HEAD	7	DATE	02+
GREATEST TOTAL PRECIPITATION:	SELMA	6.21		
LEAST TOTAL PRECIPITATION:	DAUPHIN ISLAND 2	1.42		
GREATEST 1 DAY PRECIPITATION:	SELMA	4.45	DATE	24
GREATEST TOTAL SNOWFALL:	13 STATIONS	T		
GREATEST DEPTH OF SNOW OR ICE:	GAINESVILLE	1	DATE	02+

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)							RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL					
							CENTRAL															
							00	06	12	18												
BIRMINGHAM WSO AP	27	2.4	7.8	28	W	23	67	73	44	41	2	1	2	1	0	1	7	74	4.1			
HUNTSVILLE WSO AP	27	2.7	10.0	30++	13	23	67	74	42	47	2	0	2	0	2	0	6	-	3.5			
MOBILE WSO AP	26	0.8	9.4	30++	19	23	67	73	42	51	1	2	1	2	0	0	6	-	4.8			
MONTGOMERY WSO AP	29	2.6	7.7	33	W	27	68	77	44	47	3	2	1	1	0	1	8	70	4.0			



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
FEBRUARY 1977

STATION	TEMPERATURE										PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	GEOREG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
										MAX.		MIN.						TOTAL	MAX. DEPTH IN. AROUND	DATE	1.00 OR MORE	1.00 OR MORE				
										32° OR WARMER	32° OR COLDER	32° OR WARMER	32° OR COLDER													
NORTHERN VALLEY 01																										
ATHENS 2	54.0M	27.0M	40.5M		78	26	11	1	681	0	0	0	0	4.19		2.60	24	.0	0		3	3	2			
BELLE MINA 2 N	54.0	25.2	39.6		78	26	10	1	701	0	0	21	0	3.68		1.82	24	.0	0		3	3	2			
FALKVILLE 1 E	54.2	25.7	40.0		80	26	15	7	695	0	0	21	0	2.75		1.57	24	.0	0		4	3	2			
FLORENCE	59.0	31.3	45.2		80	26	15	7	553	0	0	15	0	3.20		1.15	23	T	0		4	3	2			
HUNTSVILLE WSO AP	55.0	29.7	42.4	- 1.2	77	26	13	1	628	0	0	18	0	3.40	- 1.76	1.80	23	T	0		4	3	2			
MOULTON 2	57.4	29.4	43.4		79	26	13	1	606	0	0	18	0	4.04		1.31	24	.0	0		4	4	3			
MUSCLE SHOALS FAA AP	54.3	29.8	42.1	- 2.1	78	26	14	1	636	0	0	18	0	3.26	- 1.91	2.72	23	T	0		2	1	1			
NEW MARKET 2	55.5M	28.3M	41.9M		78	26	10	1	643	0	0	19	0			1.64	24	.0	0		4		2			
RED BAY																										
RUSSELLVILLE 2	55.4	24.0	39.7		78	27	10	1	702	0	0	22	0	3.63		2.15	24	.0	0		3	3	1			
WATERLOO																										
DIVISION			41.6	- 2.5										3.52	- 1.84			T								
APPALACHIAN MOUNTAINS 02																										
ALBERTVILLE 2 SE	56.6M	30.2M	43.4M	.3	78	26	15	6	539	0	0	0	0	3.29	- 1.83	2.01	24	.0	0		3	2	1			
BESSEMER 3 WSW	61.0M	30.2	45.6M		81	25	18	1	539	0	0	18	0	3.02	- 2.60	2.20	23	.0	0		2	2	1			
BIRMINGHAM WSO AP	57.6	31.9	44.8	- 2.1	80	26	16	1	566	0	0	17	0	3.89	- 1.39	2.15	23	T	0		4	2	1			
BRIDGEPORT																										
GUNTERSVILLE	55.8M	26.1M	41.0M		79	27	15	1		0	0	0	0	3.29		2.00	24	.0	0		3	2	1			
ONEONTA	55.5	26.0	40.8	- 3.8	80	27	14	8	672	0	0	20	0	4.12	- 1.54	2.40	24	.0	0		3	2	2			
SAINT BERNARD	55.7M	25.8	40.8M	- 2.7	80	27	12	2	666	0	0	20	0	4.21	- 1.52	2.52	23	.0	0		3	2	2			
SAND MT SUBSTA AU	52.5	27.5	40.0		78	27	13	6	696	0	0	20	0	3.45		2.03	24	.0	0		3	2	2			
SCOTTSBORO	55.2	23.4	39.3	- 4.7	80	27	10	1	714	0	0	24	0	3.34	- 2.35	1.86	24	.0	0		3	2	2			
VALLEY HEAD	52.3	20.1	36.2	- 5.8	78	27	7	2	798	0	0	24	0	4.56	- .88	2.51	24	T	T	S	3	2	2			
DIVISION			41.3	- 3.4										3.69	- 1.83			T								
UPPER PLAINS 03																										
ALICEVILLE																										
BANKHEAD LOCK AND DAM	56.8	30.6	43.7		80	27	19	1	590	0	0	19	0	3.83	- 1.72	2.20	24	.0	0		3	3	2			
CENTREVILLE WSO	58.9	30.7M	44.8M		81	27	19	2	570	0	0	15	0	4.54		2.49	24	.0	T	I	3	3	2			
CLANTON	59.1	29.5	44.3	- 3.1	82	27	15	1	575	0	0	19	0	5.00	- .31	3.35	24	.0	0		4	2	2			
DOOBLE SPRINGS	56.1	24.9M	40.5M		80	26	11	1	680	0	0	0	0	4.24		1.85	24	.0	0		3	3	3			
FAYETTE	57.7M	28.6M	43.2M	- 3.4	81	26	15	1	641	0	0	0	0	4.42	- 1.04	2.32	24	.0	0		3	3	2			
HALEYVILLE 3 NE	57.6	29.8	43.7	- .1	78	25	11	1	593	0	0	16	0	5.38	- .37	2.01	24	.0	0		4	4	3			
HAMILTON 3 S	56.6	22.2	39.4		80	26	10	2	708	0	0	23	0	4.52		2.84	24	.0	0		3	3	2			
JASPER 4 N	57.3	26.5	42.9		80	26	13	1	615	0	0	17	0	3.83		2.15	24	.0	0		3	2	2			
PRAIRIEVILLE	56.9M						21	1		0	0	0	0			2.00	24	.0	0				2			
THORSBY EXP STATION	61.2	33.9	47.6		80	26	18	1	483	0	0	13	0	4.51		2.32	24	.0	0		5	3	2			
TUSCALOOSA FAA AP	57.5	32.4	45.0	- 3.1	80	26	18	1	558	0	0	16	0	4.16	- 1.05	2.65	23	T	0		4	3	1			
TUSCALOOSA OLIVER DAM	58.7	31.0	44.9		80	27	19	2	555	0	0	18	0	3.89	- 1.51	2.34	24	.0	0		3	3	1			
VERNON 2 N	58.3	25.4	41.9		81	26	12	1	644	0	0	20	0	4.19		2.43	24	.0	0		3	2	2			
WINFIELD 2 SW	57.2	26.4	41.8		80	26	11	2	648	0	0	20	0	3.58	- 2.13	1.93	24	.0	0		3	2	2			
DIVISION			43.4	- 3.7										4.31	- 1.03			T								
EASTERN VALLEY 04																										
ANNISTON FAA AP	58.2	30.0	44.1		84	26	16	2	583	0	0	20	0	3.48		1.59	23	.0	0		3	3	1			
CALERA 2 SW	62.9M	28.4	45.7M		80	26	11	6	534	0	0	18	0	4.61	- .93	2.20	24	.0	0		5	4	1			
CENTRE 4 SW	54.3	27.1M	40.7M		80	27	14	2	689	0	0	20	0	3.19		1.97	24	.0	0		3	3	1			
CHILDERSBURG WTR PLANT	62.0	30.4	46.2		82	26	14	1	521	0	0	15	0	5.37	- .15	3.00	24	.0	0		5	2	2			
GAOSEN STEAM PLANT	54.6	28.3	41.5	- 4.1	80	27	15	2	653	0	0	20	0	3.43	- 1.99	2.02	24	.0	0		3	2	1			
TALLADEGA	60.5	27.5M	44.0M	- 3.7	84	26	12	2	585	0	0	0	0	4.11	- 1.21	2.44	24	.0	0		3	3	1			
DIVISION			43.7	- 3.0										4.03	- 1.34			.0								
PIEDMONT PLATEAU 05																										
ALEXANDER CITY	58.7	30.9	44.8		81	27	17	1	559	0	0	17	0	3.55	- 1.52	2.20	24	.0	0		4	2	1			
ASHLAND 2 SSE	56.2	27.3	41.8		80	27	15	2	645	0	0	20	0	3.78		2.10	24	.0	0		3	3	1			
AUBURN AGRONOMY FARM	58.8	33.3	46.1		80	27	20	1	524	0	0	15	0	2.66		1.46	24	.0	T	3*	3	2	1			
CAMP HILL 2 NW	58.2	26.6	42.4		80	27	13	1	627	0	0	21	0	2.76		1.45	24	.0	0		3	2	1			
MEFLIN	54.7M	23.4M	39.1M		78	26	10	2	717	0	0	22	0	5.15		2.50	24	.0	0		3	3	2			
LAFAYETTE	61.4	31.4	46.4		82	26	15	1	513	0	0	15	0	2.80		1.32	24	.0	0		3	2	2			
MARTIN DAM	58.1	32.4	45.3		80	26	22	20	545	0	0	17	0	2.59	- 2.54	1.33	24	.0	0		4	2	1			
OPELIKA	58.8	28.0	43.4		81	27	16	2	598	0	0	21	0	2.40		1.22	24	T	T	3*	3	2	1			
ROCKFORD 2 NNA	58.3	29.1	43.7		81	27	9	1	589	0	0	19	0	4.16		2.32	24	.0	0		4	2	2			
ROCK MILLS							13	2		0	0	0	0					.0	0		2					
DIVISION			43.7	- 4.2										3.32	- 1.93			T								
PRAIRIE 06																										
DAYTON 1 N	60.0	34.6	47.3		82	26	17	1	491	0	0	12	0	4.78	- .05	3.00	24	.0	0				1			
DEMOPOLIS LOCK AND DAM	59.2	32.4	45.8		83	26	17	2	532	0	0	16	0	4.86	- .04	2.76	24	.0	0		4	3	2			

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
FEBRUARY 1977

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											30° OR ABOVE	32° OR ABOVE	32° OR BELOW	61° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.50 OR MORE	1.00 OR MORE	
															MAX.	MIN.									
GAINESVILLE		60.0	32.0	46.0	- 1.3	84	26	17	1	526	0	0	15	0	3.76	- 1.64	2.26	24	.0	1	2	4	3	1	
GREENSBORO		63.0	34.9	49.0		82	26	16	1	449	0	0	10	0	6.01	.67	2.05	24	.0			4	4	3	
HAYNEVILLE																									
LIVINGSTON 2 SW		64.0	29.4	46.7		83	26	13	1	506	0	0	17	0	3.55	- 1.64	1.25	24	.0	0		6	3	1	
MARION JUNCTION 2 NE		59.0	30.1	44.6		81	27	18	2	569	0	0	16	0	4.83	.02	3.34	24	.0	0		4	2	1	
MINTER 3 NW		59.6	34.6	47.1		83	27	20	1	495	0	0	15	0	4.54		2.67	24	.0	0		3	2	2	
MONTGOMERY WSO AP		59.1	34.5	46.8	- 3.8	79	26	22	1	501	0	0	15	0	3.19	- 1.11	2.20	23	.0	1		3	2	1	
SELMA		62.9	35.6	49.3	- 3.0	83	25	22	1	437	0	0	12	0	6.21	- 1.16	4.45	24	.0	0		5	2	2	
UNION SPRINGS 4 S		55.9	32.2	44.1	- 6.4	76	27	22	2	581	0	1	19	0	3.28	- 1.52	1.75	24	.0	0		4	2	1	
DIVISION				46.7	- 3.7									4.50	- .35			.0							
COASTAL PLAIN 07																									
ANADOLUSIA 1 NW		62.3	28.0M	45.2M	- 6.8	82	26	18	1	574	0	0	17	0	3.14	- 1.39	1.17	24	.0	0		4	3	2	
ATMORE		63.9	36.5	50.2		82	26	22	1	410	0	0	9	0	2.56		1.17	24	.0	0		3	3	1	
BEATRICE 1 E		60.6M	35.8	48.2M		80	26	22	1	453	0	0	11	0	3.49	- .89	1.57	24	.0	0		3	2	2	
BRANTLEY		62.2	29.4M	45.8M		81	27	18	1	536	0	0	18	0	3.50	- .88	1.96	24	.0	0		4	2	2	
BRENTON 3 SSE		66.1	32.8	49.5	- 3.8	83	25	16	1	427	0	0	17	0	2.08	- 2.95	.80	27	.0	0		3	3	0	
CAMDEN 3 NW		59.9	33.7	46.8		83	26	20	1	504	0	0	15	0	5.56		3.21	24	.0	0		3	3	2	
CHATAM 4 N		65.7	37.5M	51.6M		88	26	21	1	362	0	0	0	0	4.07		1.27	23	.0	0		4	3	3	
CLAYTON		59.3	35.2	47.3		80	27	21	1	491	0	0	13	0	2.69	- 1.58	1.26	24	.0	0		5	1	1	
ENTERPRISE		61.7M	35.6M	48.7M		80	26	21	1	451	0	0	11	0	1.94		.84	24	.0	0		4	2	0	
EUFULA WILDLIFE REF		63.9	30.2	47.1	- 4.4	81	26	18	1	498	0	0	18	0	2.56	- 2.09	1.22	24	.0	0		4	2	1	
EVERGREEN		61.4	32.5	47.0	- 4.1	81	26	19	1	499	0	0	17	0	3.03	- 1.76	1.60	24	.0	0		3	3	1	
FRISCO CITY		62.0	34.0	48.0		83	26	22	2	470	0	0	14	0	3.82	- .94	2.01	24	.0	0		3	2	2	
GENEVA 2		63.0	33.4	48.2		83	26	20	1	466	0	0	15	0	1.89		.87	24	.0	0		3	2	0	
GILBERTOWN		63.2M	34.9M	49.1M		80	25	18	1	456	0	0	0	0	3.98		2.05	24	.0	0		4	3	2	
GREENVILLE																									
HEADLAND		61.1	34.5M	47.8M		80	27	22	6	468	0	0	12	0	2.23		.81	27	T	0		3	3	0	
HIGHLAND HOME		61.3	34.0	47.7	- 3.3	81	26	21	2	482	0	0	15	0	2.83	- 2.03	1.40	24	.0	0		5	2	1	
OZARK 6 NNW		63.4	36.4	49.9	- 3.2	80	26	23	1	418	0	0	10	0	2.96	- 1.58	1.65	24	T	0		3	2	1	
PITTSVIEW		60.6	29.6	45.1		80	27	14	1	553	0	0	17	0	2.95		1.16	24	.0	0		4	3	1	
THOMASVILLE		62.1	33.6	47.9	- 2.5	82	26	19	1	475	0	0	15	0	5.97	.98	3.95	24	.0	0		3	3	2	
TROY		61.8	35.4	48.6	- 3.2	80	25	21	1	455	0	0	12	0	3.25	- 1.02	1.50	24	T	0		4	2	2	
WHATLEY		66.6	31.8	49.2		79	26	16	1	435	0	0	16	0	5.80	- .94	3.50	24	.0	0		4	3	2	
DIVISION				48.0	- 4.0									3.35	- 1.37			T							
GULF 08																									
BAY MINETTE		64.4	37.1	50.8	- 3.6	81	26	20	1	391	0	0	9	0	1.74	- 2.99	.62	3	.0	0		5	2	0	
COHEN		61.8	39.5	50.7		74	26	26	6	398	0	0	10	0	2.84		1.30	4	.0	0		3	2	2	
DAUPHIN ISLAND 2		58.9	45.6	52.3		72	27	33	16	350	0	0	0	0	1.42		.61	4	.0	0		5	1	0	
FAIRHOPE 2 NE		62.5	39.5	51.0	- 3.8	79	27	26	1	385	0	0	8	0	1.87	- 2.52	.81	24	.0	0		3	2	0	
MOBILE WSO AP		63.9	40.4	52.2	- 1.8	79	26	26	1	355	0	0	8	0	1.86	- 2.90	.75	3	.0	0		3	2	0	
ROBERTSRALE		64.3	36.5M	50.4M	- 3.9	81	27	24	1	405	0	0	12	0	1.50	- 3.17	.66	24	.0	0		3	1	0	
DIVISION				51.2	- 3.3									1.87	- 2.65			.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
FEBRUARY 1977

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
01																																		
NORTHERN VALLEY																																		
ATHENS 2	4.18												.50	.04											2.60			1.05						
BELLE MINA 2 N	3.68												.44	.09											1.82			1.32						
FAKVILLE 1 E	2.75												.25	.08											1.57			.87						
FLORANCE	3.20												.40												1.15	1.11		.54						
HODGES	4.78												.55														3.42			.78				
HUNTSVILLE W50 AP	3.40												T	.40			T																	
MOULTON 2	4.04												.50												1.80			1.08	.12					
MUSCLE SHOALS FAR AP	3.28												T	.07											1.10	1.31		1.13						
NEW MARKET 2	-												-												2.72			.47						
RED BAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.37	1.64		1.54						
RUSSELLVILLE 2	3.63												.58			.07										2.15			.83					
WATERLOO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
02																																		
APPALACHIAN MOUNTAINS																																		
ALBERTVILLE 2 SE	3.29													.30												2.01			.98					
BEESSEMER 3 WSW	3.02				.03								.67												2.20			.08	.04					
BIRMINGHAM W50 AP	3.89			T	.03								.48						T						2.15			.81	.42					
BOAZ	-	-	-	-	-	-	-	-	-	-	-	-	-	.33						T							2.39							
BRIDGEPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLLINSVILLE	4.06													.43												2.33			1.30					
FOOT PAYNE	4.20												T	.33												2.40			1.47					
GARDEN CITY	4.06												.05	.18												2.60			1.23					
GUNTERSVILLE	3.29													.28												2.00			.98				.03	
LEEDS	3.94				.01									.50													2.71							
MARCELLA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ONEONTA	4.12													.42												2.40			1.30					
PALMERDALE 2 W	3.45													.60												1.95			.90					
SAINT BERNARD	4.21												.03	.73											2.52			1.33						
SAND HT SUBSTA AU	3.45													.32												2.03			1.10					
SAVYRE	3.34												.04	.46												2.08			.76					
SCOTTSBORO	3.34												T	.35												1.86			1.13					
VALLEY HEAD	4.56					T	T						T	.28												2.51			1.76					
WARGIOR 8 W	4.38													.34												2.40			1.64					
03																																		
UPPER PLAINS																																		
ALICEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARLEY 3 S	3.11				.02									.36													1.80			.88				
AUTAUDAVILLE 3 N	3.52													.55												2.10			.87					
BARKHEAD LOCK AND DAM	3.83				.01									.60												2.20			1.02					
BILLINGSLEY 1 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BOBBKWOOD	4.28	.03												.75												2.60			.90					
CADDOH HILL	3.43				.03								.35	.02											T	2.00			1.03					
CENTREVILLE W50	4.54				.08	.02								.76												2.49			1.19					
CLANTON	3.00				.28									.37													3.35		1.00					
CORONA 2 ENE	3.47													.28													2.13		1.06					
DOUGLE SPRINGS	4.24													1.15													1.85			1.24				
ELBO	4.25				.05									.55												2.85			.80					
FAYETTE	4.42													.55													2.32		1.55					
GORGAS	3.58													.45													2.22		.61					
HALEYVILLE 3 NE	5.38												.55	.45											1.70	2.01		1.12						
HAMILTON 3 S	4.52				T								T	.84													2.64		1.04					
JASPER 4 N	3.83				.02									.06													2.15		1.26					
LAY DAM	4.30	.18												.58													2.65		.98					
MITCHELL DAM	3.22													.28													2.04		.90					
PICKENSVILLE	3.59				.13									.40														1.93		1.13				
PLANTERSVILLE 2 SSE	5.08				.10									.80															.93					
PRATTVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
REFORM 2 E	5.62				.02									.40	.04												2.00		1.30					
THOMAS EXP STATION	4.51				.03									.29	.25																			
TUSCALOOSA FAR AP	4.18												.62														3.69		1.46					
TUSCALOOSA OLIVER DAM	3.69				.04									.58														2.34		.93				
VEARDEN 2 N	4.19													.31														2.43		1.45				
WEST OLCTON	3.70													.75														2.05		.90				
WINFIELD 2 SW	3.58				T								.34	.08														1.93		1.23				
04																																		
EASTERN VALLEY																																		
ANNISTON FAR AP	3.48				T								.80																					
CALERA 2 SW	4.81				.18							</																						

# DAILY PRECIPITATION

ALABAMA  
FEBRUARY 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAYNEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIVINGSTON 2 SW	3.55	-	-	-	.20	-	-	-	-	-	-	.71	.14	-	-	-	-	-	-	-	-	-	-	-	.35	1.25	-	-	.90	-	-	-
MOBILE 8 NE	4.70	-	-	-	.10	-	-	-	-	-	-	-	.91	-	-	-	-	-	-	-	-	-	-	-	2.77	-	-	.92	-	-	-	
MOBILE JUNCTION 2 NE	4.83	-	-	-	.31	-	-	-	-	-	-	-	.31	-	-	-	-	-	-	-	-	-	-	-	3.34	-	-	.87	-	-	-	
MATHEWS 2 N	2.97	-	-	-	.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.80	-	-	.72	-	-	-	
MILSTEAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MINTO 3 NW	4.54	-	-	-	.42	.02	-	-	-	-	-	-	.08	-	-	-	-	-	-	-	-	-	-	-	2.67	-	-	1.35	-	-	-	
MONTGOMERY USB AP	3.19	-	-	.28	.08	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	2.20	T	-	.64	-	-	-	-	
PEBBYVILLE	3.88	-	-	-	.13	.04	-	-	-	-	-	-	.35	-	-	-	-	-	-	-	-	-	-	-	2.86	-	-	.68	-	-	-	
PINE LEVEL	3.54	-	-	-	.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.05	-	-	.73	-	-	-	
SELMA	8.21	-	-	-	.31	.20	-	-	-	-	-	-	.25	-	-	-	-	-	-	-	-	-	-	-	4.45	-	-	1.00	-	-	-	
SUTTLE	-	-	-	-	-	-	-	-	-	-	-	-	.71	-	-	-	-	-	-	-	-	-	-	-	3.20	-	-	.75	-	-	-	
UNION SPRINGS 4 S	3.28	-	-	-	.42	-	-	-	-	-	-	-	.11	-	-	-	-	-	-	-	.07	-	-	-	1.75	-	-	.93	-	-	-	
UNIONTOWN	3.80	-	-	-	.30	-	-	-	-	-	-	-	.40	-	-	-	-	-	-	-	-	-	-	-	2.80	-	-	.40	-	-	-	
WABBITO LOCK AND DAM	4.88	-	-	-	.34	.04	-	-	-	-	-	-	.87	-	-	-	-	-	-	-	-	-	-	-	1.83	-	-	1.81	-	-	-	
*****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COASTAL PLAIN	07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABBEVILLE 1 NW	3.15	-	-	-	.36	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	.21	-	-	-	1.61	-	-	.82	.15	-	-	
ALBANY	5.20	-	-	-	.47	.02	-	-	-	-	-	-	.11	-	-	-	-	-	-	-	-	-	-	-	3.70	-	-	.90	-	-	-	
ANDALUSIA 1 NW	3.14	-	-	.20	.80	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.17	-	-	1.10	.04	-	-	
ATHENS	2.58	-	-	T	.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.17	-	-	.83	-	-	-	
BEATRICE 1 E	3.48	-	-	.08	.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.57	-	-	1.52	-	-	-	
BRANTLEY	3.50	-	-	.05	.33	.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.86	-	-	1.05	-	-	-	
BREWSTER 3 SSW	2.08	-	-	-	.58	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	.70	-	-	.80	-	-	-	
BRUNSDIDGE	2.08	-	-	-	.25	.11	-	-	-	-	-	-	T	-	-	-	-	-	-	-	.10	-	-	-	.97	-	-	.85	T	-	-	
CAMDEN 3 NW	5.58	-	-	-	.82	.07	-	-	-	-	-	-	.03	-	-	-	-	-	-	-	-	-	-	-	3.21	-	-	1.43	-	-	-	
CHATHAM 4 N	4.07	-	-	.40	.07	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	-	1.27	1.19	-	1.13	-	-	-	
CLAIBORNE	2.85	-	-	.05	.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.52	-	-	.97	-	-	-	
CLAYTON	2.68	-	-	-	.46	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.26	-	-	.46	.10	-	-	
COFFEE SPRINGS 2 NW	2.28	-	-	-	.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.35	-	-	.50	-	-	-	
COTTONTON	2.30	-	-	-	.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.15	-	-	.61	-	-	-	
ELBA	3.15	-	.18	-	.43	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.77	-	-	.62	.10	-	-	
ENTERPRISE	1.94	-	-	T	.58	.08	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	.84	-	.36	.10	-	-	-	
EUFULA WILDLIFE REF	2.56	-	-	-	.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.22	-	-	.93	-	-	-	
EVENING	3.03	-	-	T	.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.60	-	-	.90	T	-	-	
FAIRBORN CITY	3.82	-	-	T	.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.01	-	-	1.45	-	-	-	
GENEVA 2	1.88	-	-	-	.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.87	-	-	.56	-	-	-	
GEORGIANNA	2.84	-	-	.06	.27	.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.43	-	-	.72	.02	-	-	
OILBETOWN	3.98	-	-	.80	.10	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	2.05	-	-	1.23	-	-	-	
GREENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEADLAND	2.23	-	-	-	.62	-	-	-	-	-	-	-	-	.02	-	-	-	-	-	-	-	-	-	-	.78	-	-	.81	-	-	-	
HIGHLAND HOME	2.83	-	-	-	.34	.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40	-	-	.88	-	-	-	
JACKSON	3.56	-	-	.07	.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.28	-	-	.88	-	-	-	
KINSTON	2.38	-	-	.04	.35	.01	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	1.18	-	-	.68	.07	-	-	
LOUISVILLE	2.71	-	-	-	.23	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.65	-	-	.44	.07	-	-	
MELVIN	4.43	-	-	-	.68	-	-	-	-	-	-	-	.18	-	-	-	-	-	-	-	-	-	-	-	2.66	-	-	.90	-	-	-	
NEWTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	-	-	1.00	-	-	-	
OBAMA 8 NW	2.96	-	-	.37	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.65	-	-	.88	-	-	-	
PINE APPLE	2.83	-	-	-	.70	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.26	-	-	.75	-	-	-	
PITTSVIEW	2.95	-	-	-	.58	.05	-	-	-	-	-	-	.05	-	-	-	-	-	-	-	-	-	-	-	1.16	-	-	.88	.03	-	-	
THOMASVILLE	5.87	-	-	T	.68	.04	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	3.85	-	-	1.28	-	-	-	
TROY	3.25	-	-	-	.28	.06	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	1.50	-	-	1.00	.03	-	-	
WALLACE 2 E	2.87	-	-	-	.75	-	-	-	-	-	-	-	.17	-	-	-	-	-	-	-	-	-	-	-	1.40	-	-	.65	-	-	-	
WHITLEY	5.80	-	-	.25	.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50	-	-	1.30	-	-	-	
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GULF	08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	33 11	42 14	60 26	51 28	56 29	40 13	38 14	35 13	45 18	58 22	63 25	65 39	61 34	54 26	68 27	41 17	38 22	48 28	65 23	43 18	53 31	70 48	62 45	65 39	78 48	73 46	52 25				54.0 27.0	
BELLE MINA 2 N	MAX MIN	33 14	41 14	51 16	49 31	56 19	40 15	39 15	38 16	45 16	59 21	65 24	67 33	61 36	52 29	67 27	43 20	39 20	49 26	65 31	56 20	43 20	55 20	70 37	65 38	64 41	78 38	77 40	45 30			54.0 25.2	
FALKVILLE 1 E	MAX MIN	34 10	41 11	52 15	55 27	59 31	40 14	37 13	35 11	47 12	60 21	65 28	65 39	58 32	54 27	70 31	42 19	38 19	49 25	63 33	59 22	43 16	55 20	70 32	62 43	65 43	78 43	77 43	45 25			54.2 25.7	
FLORENCE	MAX MIN	45 15	52 20	54 33	59 34	54 28	42 15	38 15	48 24	61 24	66 27	66 39	63 45	56 32	68 34	62 26	41 17	55 25	67 40	62 40	46 23	58 20	72 42	66 52	66 45	79 45	80 57	74 39	53 27			59.0 31.3	
HUNTSVILLE WSO AP	MAX MIN	42 13	50 19	50 33	58 34	43 24	38 15	36 16	45 17	57 22	62 28	65 31	61 47	53 32	68 29	42 23	39 20	49 25	64 38	58 29	43 23	54 22	70 40	62 49	66 44	77 42	77 54	60 34	50 29			55.0 29.7	
MOULTON 2	MAX MIN	43 13	52 16	53 31	58 32	51 29	40 14	39 29	49 14	60 29	66 25	65 33	62 46	55 36	69 33	50 48	39 19	52 25	67 38	57 19	43 22	57 33	71 23	64 18	66 46	79 45	79 59	73 39	48 28			57.4 29.4	
MUSCLE SHOALS FAA AP	MAX MIN	43 14	49 19	50 30	56 33	43 23	38 16	33 17	44 17	57 22	62 17	64 17	60 22	54 25	66 33	41 46	38 30	51 25	64 30	53 18	43 26	56 39	71 29	62 24	64 19	78 42	78 51	50 35	51 28			54.3 29.8	
NEW MARKET 2	MAX MIN	40 10	53 11	49 27	55 27	47 29	36 23	36 23	45 29	58 23	67 11	67 12	57 18	57 23	66 34	52 26	37 22	48 15	58 32	65 32	45 30	48 19	64 40	64 50	76 41	78 58	71 36	55 34				55.5 28.3	
REO BAY	MAX MIN																																
RUSSELLVILLE 2	MAX MIN	37 10	45 11	54 14	55 26	58 25	42 12	40 14	36 12	49 17	60 18	66 20	66 37	61 27	56 25	67 28	42 13	40 27	54 27	67 28	56 16	44 14	58 16	72 42	60 47	65 41	78 42	78 40	46 23			55.4 24.0	
WATERLOO	MAX MIN																																
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 SE	MAX MIN	40 15	50 18	51 31	58 36	52 32	38 15	36 17		25	63 20	64 24	56 47	54 36	65 34	62 30	37 20	47 22		64 24	24 23		68 22	64 34	64 45	75 44	78 55	72 40	44 40			56.6 30.2	
BESSEMER 3 WSW	MAX MIN	46 18	57 19	63 27	53 21	52 20	57 27	51 21	55 19	63 25	66 21	62 34	61 52	70 33	50 29	44 22	60 27	74 34	62 28	52 22	61 29		72 35	74 43	61 36	81 48	73 55	57 30	56 31			61.0 30.2	
BIRMINGHAM WSO AP	MAX MIN	42 16	53 19	51 26	59 40	45 28	44 17	41 20	50 18	59 23	65 26	61 35	58 52	58 32	70 31	47 27	40 22	52 24	70 43	66 38	47 27	58 21	72 44	61 51	66 47	80 44	80 59	63 34	54 29			57.6 31.9	
BRIDGEPORT	MAX MIN																																
GUNTERSVILLE	MAX MIN	37 15	40 16	50 26	54 29	55 30		40 19	38 19	39 20	57 21	56 25	59 39	65 30	65 26	70 32	45 20	46 27	49 32		68 23	20	66 22	65 34	66 44	72 41	69 43	79 41	46 29			55.8 26.1	
ONEONTA	MAX MIN	36 15	41 14	50 15	50 28	58 35	42 17	41 17	38 14	50 15	59 20	64 24	66 33	56 20	56 24	69 33	46 19	40 18	50 24	70 33	66 25	46 21	54 22	71 34	62 44	65 41	79 42	80 47	48 26			55.5 26.0	
SAINT BERNARD	MAX MIN		41 12	51 12	52 29	59 33	40 17	39 16	36 15	47 17	59 20	64 25	65 35	57 39	57 27	70 29	43 21	38 21	50 25	68 30	63 21	45 17	54 18	75 37	61 45	66 39	79 39	80 44	45 25			55.7 25.8	
SAND MT SUBSTA AU	MAX MIN	33 15	39 13	50 15	48 30	56 37	37 17	36 17	45 17	22	56 17	62 17	63 22	53 41	52 37	60 30	43 17	57 16	43 24	63 17	45 24	66 37	63 23	43 20	50 26	67 38	59 44	77 45	78 48	43 28			52.5 27.5
SCOTTSBORO	MAX MIN	37 10	43 11	53 13	49 22	57 28	41 14	43 15	40 11	49 11	58 17	65 11	65 11	56 17	54 20	69 31	47 21	41 23	47 28	66 21	62 15	45 19	53 28	70 31	65 45	66 38	77 40	80 44	47 27			55.2 23.4	
VALLEY HEAD	MAX MIN	33 7	40 7	53 8	48 22	54 26	39 8	38 9	37 9	46 13	58 14	62 20	65 28	53 29	47 20	66 23	44 21	38 11	45 12	64 25	60 22	43 13	49 15	66 24	61 39	73 34	72 35	74 42	49 28			52.3 20.1	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN																																
BANKHEAD LOCK AND DAM	MAX MIN	42 19	48 21	55 23	54 30	49 35	45 22	45 22	46 23	51 23	60 25	66 27	58 39	56 39	59 32	70 32	49 25	43 27	51 32	59 35	62 28	49 22	70 40	52 46	61 42	73 47	62 45	80 31	52 31			56.8 30.6	
CENTREVILLE WSMO	MAX MIN	40 20	47 19	55 25	49 35	60 37	48 23	47 23	47 23	54 23	60 28	67 34	65 38	57 43	60 36	71 33	49 23	44 21	56 30	72 36	70 30	52 25	61 24	73 34	62 44	69 47	80 47	81 45	52 31			58.9 30.7	
CLANTON	MAX MIN	40 15	46 18	57 22	48 30	60 36	50 19	35 20	48 18	55 21	61 23	67 26	67 35	60 42	61 30	70 32	52 22	45 23	54 30	70 38	70 27	50 22	59 28	73 36	62 43	68 41	80 52	82 46	50 30			59.1 29.5	
DOUBLE SPRINGS	MAX MIN	38 11	45 13	55 15	55 32	60 15	43 16	42 16	39 15	51 16	61 23	67 15	64 37	59 31	57 29	70 30	45 14	41 15	54 24	56 18	67 16	43 16	58 18	71 37	58 41	65 48	80 51	77 49	49 22			56.1 24.9	
FAYETTE	MAX MIN	41 15	48 18	45 23	54 30	60 35	46 17	48 17	44 18	52 23	52 23	63 32		60 29	61 39	71 29	49 20	44 20	50 35	69 34	72 20	53 35	62 37	73 56	61 49	62 39	81 41	79 39		27		57.7 28.6	
HALEYVILLE 3 NE	MAX MIN	42 11	52 20	53 33	57 33	52 28	39 13	35 14	48 13	58 25	64 32	62 38	61 46	58 32	67 33	55 27	39 15	52 23	65 34	60 42	59 19	57 18	70 38	64 52	64 42	78 42	77 54	73 31	52 25			57.6 29.8	
HAMILTON 3 S	MAX MIN	37 10	45 13	56 14	55 24	58 30	43 12	45 13	40 13	52 13	61 17	67 19	67 26	62 28	57 24	69 24	45 14	41 14	55 26	67 25	57 17	48 15	60 25	72 38	60 40	66 35	80 35	78 38	48 23			56.6 22.2	
JASPER 4 N	MAX MIN	40 13	44 15	54 27	50 33	60 34	46 16	46 20	50 15	60 19	67 22	63 35	58 33	58 33	72 27	48 18	44 27	54 30	71 35	67 23	49 17	58 28	73 54	58 43	65 37	80 51	79 46	49 26				57.3 28.5	
PRATTVILLE	MAX MIN	39 21	38 24	46 27	47 35	52 33	39 33		48 35	51 33	52 36	62 28	60 30	65 41	68 40		52 32						55 33	72 41	68 52	71 41	71 43	56 38				56.9	
THORNSBY EXP STATION	MAX MIN	45 18	55 20	51 28	59 38	58 35	46 20	48 22	54 21	61 26	66 29	65 36	60 47	60 41	69 34	65 																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



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STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
TUSCALOOSA OLIVER DAM	MAX MIN	39 20	49 19	57 22	52 31	60 39	47 24	47 21	44 24	54 21	60 25	67 27	67 39	60 39	60 33	71 32	48 23	43 22	55 32	71 42	65 28	52 25	61 26	73 43	64 50	68 41	79 41	80 47	51 31			58.7 31.0		
VERNON 2 N	MAX MIN	39 12	47 15	57 17	56 34	60 34	45 13	47 17	42 14	52 18	61 20	67 23	60 37	61 27	61 27	72 28	44 16	43 19	56 32	71 38	62 18	54 16	61 20	73 43	64 49	67 38	81 40	77 23	51 24			58.3 25.4		
WINFIELD 2 SW	MAX MIN	38 11	46 11	55 15	55 29	58 31	45 13	47 18	46 14	52 16	60 18	66 27	60 34	60 34	59 25	70 31	50 16	42 20	55 28	68 30	60 17	48 15	59 35	70 53	60 44	66 36	80 56	77 39	50 22			57.2 26.4		
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	42 16	54 16	48 26	61 28	44 31	42 19	42 22	51 17	62 21	69 24	62 31	61 43	57 31	70 29	47 25	40 23	53 35	70 40	68 27	47 22	56 22	71 29	60 48	67 44	79 82	84 52	69 38	53 31			58.2 30.0		
CALERA 2 SW	MAX MIN	46 13	57 14	55 22	62 32	57 36	48 11	46 19	54 19	64 19	69 21	68 30	63 46	60 35	72 28	68 28	46 22	56 21	72 37	70 42	60 25	59 17	72 35	69 35	68 46	80 40	80 54	78 24	23			62.9 28.4		
CENTRE 4 SW	MAX MIN	36 19	41 14	49 22	45 28	58 31	42 18	41 20	40 16	47 18	56 22	62 28	63 36	55 41	54 25	68 34	47 22	40 21	45 27	68 31	65 29	53 22	70 26	61 41	65 44	76 47	80 30	48 37	32			54.3 27.1		
CHILLOERSBURG WTR PLANT	MAX MIN	44 14	56 15	53 22	61 33	57 38	47 18	45 20	52 16	61 18	65 22	63 29	63 40	59 40	71 27	69 34	47 22	54 22	71 36	70 41	62 25	59 18	72 38	70 46	68 44	80 47	82 54	80 46	55 27			62.0 30.4		
DODSDEN STEAM PLANT	MAX MIN	36 18	40 15	53 23	48 28	59 33	41 18	41 19	39 16	50 19	59 23	64 28	63 32	54 41	55 27	69 33	45 20	39 23	48 30	69 33	58 27	46 24	54 29	69 32	60 43	66 39	76 54	80 36	48 29			54.6 28.3		
TALLADEGA	MAX MIN	44 12	54 12	49 22	60 27	53 34	45 15	44 20	52 18	61 25	66 20	63 27	60	63	70 24	61 33	43 18	52 32	71 32	68 43	60 25	58 22	72 33	66 38	70 40	79 43	84 52	72	55 25			60.5 27.5		
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	41 17	46 20	56 27	45 33	60 37	50 20	49 25	50 20	55 24	62 25	67 30	65 35	60 44	60 30	69 35	51 22	43 25	55 31	68 41	70 22	51 22	59 25	71 40	62 45	67 40	79 43	81 48	51 32			58.7 30.9		
ASHLAND 2 SSE	MAX MIN	36 18	42 15	55 19	48 26	58 30	44 16	43 17	42 19	52 22	62 23	65 26	63 31	60 40	55 28	67 31	47 19	40 19	50 22	67 33	66 37	45 26	53 20	68 32	59 33	65 44	77 42	80 33	65			56.2 27.3		
AUBURN AGRONOMY FARM	MAX MIN	40 20	45 25	56 31	47 36	56 35	50 22	49 22	51 25	55 28	61 31	67 35	66 42	68 45	61 33	69 37	54 23	44 25	50 30	67 46	68 31	50 28	57 30	70 42	67 46	66 42	77 44	80 48	55 30			58.8 33.3		
CAMP HILL 2 NW	MAX MIN	40 13	44 15	52 17	45 27	59 32	50 16	49 19	50 16	54 20	60 17	65 22	66 30	66 44	60 25	63 26	51 21	48 20	50 27	67 39	68 25	50 18	58 38	70 36	67 44	68 44	75 45	80 48	54 21			58.2 26.6		
HEFLIN	MAX MIN	38 12	41 10	54 20	49 24	49 32	47 11	41 19	41 13	50 12	58 19	65 20	64 33	54 33	57 23	68 23		41 18	51 19	57 25	57 20	60 17	53 17	69 29	55 40	65 35	78 44	68 44	48 21			54.7 23.4		
LAFAYETTE	MAX MIN	40 15	45 18	56 28	61 31	54 33	50 19	50 22	54 18	54 25	68 22	69 18	67 35	61 27	60 42	63 33	45 23	53 33	69 33	69 45	60 27	58 23	72 38	63 42	68 47	79 46	82 45	81 41	52 28			61.4 31.4		
MARTIN DAM	MAX MIN	42 22	51 28	44 31	59 38	48 26	45 28	46 25	50 28	57 30	63 29	66 36	67 44	57 29	70 36	49 26	42 28	56 30	69 40	70 30	49 22	53 29	71 32	67 42	69 38	78 43	80 50	52 35	58			58.1 32.4		
OPELIKA	MAX MIN	41 19	45 16	56 22	46 29	58 36	51 18	49 24	49 22	55 26	60 25	67 24	67 27	68 33	62 29	71 24	55 25	45 23	50 28	69 38	54 28	50 21	56 20	71 31	66 44	68 38	79 40	81 43	56 32			58.8 28.0		
ROCKFORD 2 NNW	MAX MIN	40 9	46 15	56 21	46 37	60 34	49 17	48 11	47 17	54 20	61 27	67 32	65 38	60 43	60 30	70 31	51 18	44 21	52 24	69 44	70 25	50 24	58 27	71 42	60 46	68 46	78 48	81 47	50			58.3 29.1		
ROCK MILLS	MAX MIN	45 18	46 13	55 19	46 28	62 33	49 15	44 21	48 15	52 19	62 21	67 29	66 30	64 37	60 24																			
PRAIRIE 06																																		
DAYTON I N	MAX MIN	37 17	43 25	54 32	47 36	60 37	48 22	48 24	48 21	50 26	60 27	67 38	68 41	62 40	63 35	74 36	51 22	46 26	61 41	71 51	73 30	56 24	65 36	65 46	74 50	75 50	82 53	81 45	52 39			60.0 34.6		
DEMOPOLIS LOCK AND DAM	MAX MIN	37 18	44 17	53 23	45 35	61 39	47 26	47 20	47 23	49 23	60 25	65 27	66 38	62 45	61 33	73 34	49 27	42 33	61 32	71 46	71 32	56 27	64 28	74 42	66 50	71 50	83 49	81 45	51 30			59.2 32.4		
GAINESVILLE	MAX MIN	40 17	46 19	56 22	52 37	62 34	48 21	49 24	49 21	53 22	62 26	68 28	62 41	59 37	60 34	74 35	49 23	44 37	60 35	73 48	68 29	57 26	65 28	74 44	64 48	70 47	84 50	80 45	52 30			60.0 32.0		
GREENSBORO	MAX MIN	49 16	58 25	52 33	62 39	51 34	48 22	45 21	47 19	65 23	69 28	67 38	60 50	62 40	73 35	58 36	46 23	42 24	62 33	72 47	72 34	74 39	75 42	78 46	81 49	82 53	82 56	72 44	61 28			63.0 34.9		
HAYNEVILLE	MAX MIN																																	
LIVINGSTON 2 SW	MAX MIN	44 13	53 19	55 24	60 35	62 33	52 18	50 23	51 19	57 23	66 24	68 30	66 40	60 35	73 32	74 34	50 22	57 26	72 30	72 40	72 30	60 22	73 25	75 34	70 45	83 40	83 45	80 35	54 27			64.0 29.4		
MARION JUNCTION 2 NE	MAX MIN	38 18	44 18	54 21	45 34	58 36	49 20	48 20	48 20	52 21	61 25	67 27	67 34	60 44	60 33	72 33	51 19	44 24	58 31	70 44	71 27	53 23	62 24	74 36	64 48	68 44	79 49	81 45	53 29			59.0 30.1		
MINTER 3 NW	MAX MIN	35 20	42 22	54 31	47 35	54 37	49 23	48 24	49 26	55 28	60 30	66 38	68 45	70 41	62 37	73 37	52 24	44 27	59 32	66 52	71 32	53 30	62 30	75 46	65 42	71 48	82 49	83 45	54 32			59.6 34.6		
MONTGOMERY WSO AP	MAX MIN	43 22	53 27	45 28	55 42	51 34	48 25	49 27	52 25	59 28	64 27	65 32	67 47	61 38	69 32	51 36	45 28	55 32	65 37	68 47	51 31	58 24	71 35	64 46	66 50	78 45	79 50	67 45	55 32			59.1 34.5		
SELMA	MAX MIN	46 22	56 25	47 33	59 42	58 36	51 24	51 24	55 26	63 28	68 29	67 36	67 55	63 29	73 38	50 38	48 25	59 29	70 34	71 39	68 30	63 28	75 35	70 52	70 52	83 43	82 52	69 47	58			62.9 35.6		
UNION SPRINGS 4 S	MAX MIN	32 22	40 22	50 28	43 36	50 38	42 24	43 24	43 23	50 23	56 27	62 28	64 32	67 45	58 31	67 32	51 25	40 25	60 31	62 49	67 32	47 25	64 25	67 39	69 43	67 47	75 47	76 47	52 32			55.9 32.2		
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	43 18	46 20	60 21	54 38	51 34	55 21	53 20	55 20	58 29	65 22	67 26	72 32	74 26	67 35	71 35	59 22	48 23	59 35	71 50	67 27	56 20	63 24	72 42	68 45	72 36	82 45	80 45	57 28			62.3 28.0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
FEBRUARY 1977

STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ATMORE	MAX	42	44	59	53	52	56	54	56	60	67	69	70	75	70	74	59	49	65	71	72	59	67	75	73	75	82	81	59				63.9	
	MIN	22	28	35	40	40	27	29	27	35	32	36	38	44	36	41	28	29	40	41	34	29	37	50	45	47	53	46	34				36.5	
BEATRICE 1 E	MAX		44	52	49	48	52	52		57	63	66	67	66	66	69	57	47	56	53	67	57	57	70	70	72	80	79	60				60.6	
	MIN	22	24	29	34	35	28	28	28	28	30	39	38	40	36	41	28	30	32	48	34	35	37	48	51	50	51	43	34				35.8	
BRANTLEY	MAX	42	46	60	51	51	55	52	54	59	65	68	71	73	72	73	58	47	57	73	68	55	62	73	71	73	75	81	57				62.2	
	MIN	18	21	26	34	36	21	21	20	24	24	26	33	29	30	31	26	27	31	49	27	21	24	35	38	42	44	29				29.4		
BREWTON 3 SSE	MAX	46	59	54	54	56	54	56	60	65	68	74	76	69	75	66	54	65	72	72	61	67	75	74	77	83	82	75	62				66.1	
	MIN	16	22	28	45	34	20	21	21	30	24	27	43	49	28	29	27	24	40	55	29	23	30	49	45	38	45	47	29				32.8	
CAMDEN 3 NW	MAX	36	42	55	46	54	49	47	49	54	61	66	69	70	63	73	53	45	60	66	69	55	64	74	65	72	83	82	55				59.9	
	MIN	20	21	25	35	37	26	26	24	24	29	30	41	46	35	38	26	26	31	49	31	28	49	50	45	49	50	45	33				33.7	
CHATOM 4 N	MAX	46	60	56	56	56	52	53	55	65	68	71	70	68	71	71	50	66	68	70	68	67	75	72	74	85	88	80	59				65.7	
	MIN	21	25	36	43			25	24	33	32	40	53	45	36	36	23	27	47	51	31	29	41	53	48	45	56	44	30				37.5	
CLAYTON	MAX	39	44	55	45	51	50	49	51	54	60	64	68	73	63	70	57	45	52	68	70	50	57	71	71	69	79	80	55				59.3	
	MIN	21	25	32	35	38	26	24	25	29	34	38	44	47	37	40	26	28	31	48	31	28	37	41	46	46	48	49	31				35.2	
ENTERPRISE	MAX	42	45	55	49	50		54	48	57	62	67	62	64	74	71	60	57	55	70	67	65	61	72	71	71	80	69	69				61.7	
	MIN	21	28	32	39	39		24	26	28	34	37	39	49	35	36	28	29	35	45	32	25	35	40	46	45	50	51	33				35.6	
EUFALA WILDLIFE REF	MAX	46	57	56	54	55	48	53	57	60	66	69	73	71	72	70	55	50	71	72	68	59	70	70	72	79	81	76	60				63.9	
	MIN	18	20	23	37	38	22	23	19	21	20	25	39	26	30	35	26	24	32	35	29	21	30	37	45	40	55	45	30				30.2	
EVERGREEN	MAX	41	43	58	52	51	55	50	53	57	62	64	72	71	66	72	58	48	61	68	68	56	62	72	68	71	81	80	58				61.4	
	MIN	19	22	31	37	35	24	26	28	31	28	32	34	48	31	36	24	27	32	44	29	25	28	39	44	41	42	44	29				32.5	
FRISCO CITY	MAX	39	48	57	52	52	53	51	52	56	64	69	73	73	66	73	54	46	62	69	70	57	65	75	69	72	83	80	56				62.0	
	MIN	22	22	30	36	36	25	25	27	28	47	36	38	47	36	38	24	25	35	52	32	28	28	39	50	46	46	42	45	32				34.0
GENEVA 2	MAX	44	45	55	50	52	56	54	56	59	62	66	72	75	68	73	63	49	58	73	74	56	63	72	73	74	83	80	59				63.0	
	MIN	20	22	29	38	38	25	26	28	30	28	29	31	52	34	35	30	31	34	41	34	26	29	37	43	40	44	48	32				33.4	
GILBERTOWN	MAX	46	58	49	58	53	54	52						73	70		47	65	67	71	62	67	72	67	67	80	76	77	60				63.2	
	MIN	18	20	27	45	28	21	25						48		36	23	26	43	41	26	24	39	54	53	44	54	45	27				34.9	
GREENVILLE	MAX																																	
	MIN																																	
HEADLAND	MAX	42	45	54	60	45	50	54	54	58	60	65	67	73	65	72	60	47	54	73	70	54	59	71	72	71	80	80	56				61.1	
	MIN	23	27	30	39		22	24	26	30	31	34	35	47	37	42	29	30	33	49	36	25	29	39	43	43	45	50	33				34.5	
HIGHLAND HOME	MAX	39	45	59	48	53	53	49	55	57	64	69	70	71	70	72	55	55	56	68	70	52	61	72	62	75	81	80	56				61.3	
	MIN	21	21	31	34	36	23	27	25	25	32	39	43	41	40	39	25	25	30	47	30	27	31	43	43	47	50	45	31				34.0	
OZARK 6 NNW	MAX	47	58	52	50	55	52	55	58	62	66	69	74	68	71	65	53	53	71	68	62	61	70	72	70	80	80	74	58				63.4	
	MIN	23	28	34	41	35	25	27	28	29	40	49	39	44	39	40	26	30	30	46	34	30	40	41	46	45	50	47	33				36.4	
PITTSVIEW	MAX	42	46	57	43	55	54	50	53	55	60	66	69	74	64	71	59	47	53	70	71	52	57	70	71	70	80	80	58				60.6	
	MIN	14	18	20	38	35	19	17	16	21	20	24	35	47	25	37	25	23	26	46	31	18	23	38	44	39	51	50	28				29.6	
THOMASVILLE	MAX	41	47	60	48	57	54	52	53	56	64	69	70	69	66	74	54	47	64	66	70	58	66	75	67	72	82	80	57				62.1	
	MIN	19	24	28	35	35	24	27	24	28	31	30	43	43	36	36	24	24	34	47	28	26	28	44	52	48	49	44	30				33.6	
TROY	MAX	43	57	48	50	52	50	51	52	62	67	69	72	64	71	68	47	54	69	68	66	59	70	69	70	80	78	69	56				61.8	
	MIN	21	27	30	40	38	23	25	26	33	34	35	48	49	27	39	25	30	40	50	32	25	39	41	45	44	50	45	30				35.4	
WHATLEY	MAX	50	58	58	62	60	57	55	58	62	69	70	71	72	73	70	62	65	70	78	70	67	71	70	69	79	79	75	65				66.6	
	MIN	16	17	25	33	28	21	24	21	29	29	29	40	42	43	42	24	22	40	41	25	21	32	42	44	40	42	45	32				31.8	
GULF 08	MAX																																	
	MIN																																	
BAY MINETTE	MAX	43	60	52	51	55	54	55	59	66	70	72	72	68	74	59	49	64	71	72	61	65	73	72	74	81	81	71	60				64.4	
	MIN	20	29	37	40	37	26	28	28	38	35	40	51	51	37	40	27	29	35	53	33	31	32	36	52	47	47	45	35				37.1	
CODEN	MAX	44	55	51	52	57	52	56	58	62	63	69	68	69	67	60	51	61	66	61	62	61	70	70	67	73	74	67	62				61.8	
	MIN	26	28	37	45	39	26	28	30	35	34	37	57	52	36	42	28	28	52	54	32	28	38	58	51	49	59	46	31				39.5	
DRAUPHIN ISLAND 2	MAX	42	43	52	50	53	55	48	51	53	59	61	64	65	65	64	56	50	61	65	67	60	62	65	70	67	70	72	60				58.9	
	MIN	33	35	40	43	43	35	37	39	40	46	47	50	53	48	47	33	37	48	57	44	45	52	59	58	55	60	48	45</					

# DAILY SOIL TEMPERATURES

ALABAMA  
FEBRUARY 1977

STATION	DEPTH (IN)	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	2	MAX	44	42	51	44	53	51	48	49	50	55	-	59	60	62	63	60	54	54	61	63	58	61	66	58	61	68	71	62			56.6	
		MIN	34	34	34	35	39	34	34	34	34	35	-	39	49	41	41	37	35	37	42	41	38	41	48	50	47	47	56	40			39.9	
	4	MAX	43	43	49	44	52	50	48	48	49	53	-	57	57	60	60	58	52	52	59	59	57	58	63	57	60	64	68	61			54.9	
		MIN	36	37	37	38	42	38	38	37	38	38	-	42	48	45	43	41	39	40	44	44	42	44	49	51	50	49	56	45			42.6	
HEROLAND	8	MAX	39	38	39	41	45	39	42	42	43	47	-	50	51	53	53	52	47	47	52	54	51	51	56	53	55	58	60	57			48.7	
		MIN	36	36	36	38	39	39	38	37	38	38	-	42	46	45	44	42	41	40	43	45	42	44	45	49	49	48	52	46			42.1	
	4	MAX	41	38	47	45	44	47	50	47	49	52	55	55	58	60	60	60	52	52	59	62	57	58	62	60	63	66	69	61			54.6	
		MIN	33	34	35	39	37	32	34	34	37	38	38	38	42	43	44	44	41	40	43	48	43	41	44	47	50	48	50	45			40.8	
MARION JCT 2NE	4	MAX	41	40	48	45	54	51	49	49	48	51	53	53	52	58	58	54	49	53	55	58	53	55	57	58	63	67	69	63			53.7	
		MIN	40	40	40	41	43	44	44	44	44	43	45	46	47	49	48	47	44	44	47	48	47	45	48	52	54	54	58	51			46.3	
PITTSVIEW	4	MAX	48	44	50	42	51	53	50	50	51	53	55	56	56	60	59	58	52	52	58	61	55	56	59	58	61	65	66	60			55.0	
		MIN	37	36	36	37	41	38	37	37	37	38	38	39	45	42	41	40	41	39	44	45	40	40	41	47	50	49	55	44			41.2	
THORSBY EXP STATION	4	MAX	44	48	45	52	52	45	46	48	51	52	54	51	54	56	51	50	53	56	56	56	53	56	55	56	60	65	62	56			53.0	
		MIN	38	39	40	44	41	40	40	40	40	42	45	48	48	45	45	41	43	45	50	44	42	46	50	51	49	54	55	46			44.7	
WINFIELD 2 SW	4	MAX	43	42	46	46	52	51	49	48	50	54	57	52	55	58	57	55	50	55	61	57	51	57	61	54	56	62	65	60			53.7	
		MIN	34	33	34	36	40	36	35	35	34	34	42	41	43	40	39	36	35	40	40	39	36	35	41	49	46	45	53	40			39.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
FEBRUARY 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	-	-	-	-	-	-	-	-	-	-	-.09	-.05	-.10	-.04	-.29	-.03	-.11	-.13	-.19	-.11	-.08	-.19	-.33	-.39	-.19	-.24	-.45	-.11			-
		WIND	37	13	17	62	150	89	107	34	17	15	16	68	107	72	153	97	39	66	137	129	37	93	218	141	52	96	179	92			2333
		MAX	-	-	-	-	-	-	-	-	-	-	-	58	59	72	58	43	48	63	62	49	57	67	63	63	71	75	69	57			-
		MIN	-	-	-	-	-	-	-	-	-	-	-	52	41	36	36	32	32	38	40	33	33	39	47	46	45	54	43	35			-
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	-	-	-	-.00	-.04	-	-	-	-	-	-	-.06	-.14	-.16	-	-	-	-.09	-.27	-.06	-.10	-.24	-.17	-.17	-.19	-.35	-			-	
		WIND	31	46	29	14	74	72	58	59	38	17	14	29	81	26	66	87	62	36	73	164	31	31	90	109	52	63	113	97			1662
		MAX	-	-	59	43	57	-	-	-	-	-	-	-	64	66	-	-	-	-	64	63	53	58	67	59	64	71	73	-			-
		MIN	-	-	32	35	37	-	-	-	-	-	-	-	39	39	-	-	-	-	39	37	35	38	42	46	46	54	-			-	
MARTIN DAM		EVAP	-	-	-.02	-.03	-.12	-.11	-.13	-.07	-.04	-.11	-.11	-.05	-.13	-.14	-.10	-.09	-.07	-.07	-.10	-.12	-.20	-.08	-	-.09	-.19	-.20	-.12	-.21			3.028
		WIND	9	17	1	10	52	60	34	17	20	17	12	21	30	51	70	26	13	29	45	30	16	60	49	23	37	63	49	23			884
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	-	-	-	-.08	-.02	-	-	-	-	-.07	-.07	-.08	-.01	-.13	-.10	-	-	-.04	-.06	-.12	-	-	-.22	-	-.22	-.23	-	-			-
		WIND	52	25	31	18	99	116	61	56	17	15	16	42	43	45	93	117	70	50	80	126	84	54	126	109	64	110	155	114			1988
		MAX	-	-	60	43	60	-	-	-	-	58	63	64	55	60	66	-	53	61	67	56	-	64	67	59	63	71	74	-			61.3
		MIN	-	-	29	35	37	-	-	-	-	32	38	45	47	40	39	-	34	34	44	35	-	34	40	50	47	47	48	-			39.7
GULF 08																																	
FAIRHOPE 2 NE		EVAP	-	-	-.08	-	-.04	-.11	-.09	-.11	-.10	-.11	-.11	-.08	-.07	-.14	-.13	-.17	-.11	-.09	-.11	-.13	-.17	-.11	-.13	-.21	-.15	-.15	-.20	-.13			3.398
		WIND	31	10	20	15	36	37	16	29	17	22	12	12	41	21	25	61	34	46	50	86	32	15	39	94	36	31	93	42			1003
		MAX	47	46	55	48	54	60	56	58	59	65	68	72	69	73	73	68	58	62	71	73	65	68	73	72	73	78	85	69			64.9
		MIN	31	31	34	40	40	37	36	35	36	39	42	42	58	49	43	36	34	38	49	39	38	39	45	55	51	51	51	39			41.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# SNOWFALL AND SNOW ON GROUND

ALABAMA  
FEBRUARY 1977

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHERN VALLEY 01																																
FLORENCE	SNOWFALL SN ON GND																				T											
HUNTSVILLE WSO AP	SNOWFALL SN ON GND WTR EQUIV															T																
MUSCLE SHOALS FAA AP	SNOWFALL SN ON GND																				T											
APPALACHIAN MOUNTAINS 02																																
BIRMINGHAM WSO AP	SNOWFALL SN ON GND WTR EQUIV			T															T													
VALLEY HEAD	SNOWFALL SN ON GND					T	T																									
UPPER PLAINS 03																																
CENTREVILLE WSMO	SNOWFALL SN ON GND		T																													
TUSCALOOSA FAA AP	SNOWFALL SN ON GND																		T													
PIEDMONT PLATEAU 05																																
AUBURN AGRONOMY FARM	SNOWFALL SN ON GND		T	T	T																											
OPELIKA	SNOWFALL SN ON GND		T	T	T																											
PRAIRIE 06																																
GAINESVILLE	SNOWFALL SN ON GND		I	I	T																											
MONTGOMERY WSO AP	SNOWFALL SN ON GND WTR EQUIV		T																													
COASTAL PLAIN 07																																
HEADLAND	SNOWFALL SN ON GND																		T													
OZARK 6 NNW	SNOWFALL SN ON GND																		T													
TROY	SNOWFALL SN ON GND																		T													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
FEBRUARY 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
A00ISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	SP	SP		H	ALA. COMMUNITY NETWORK
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 07	88 08	140	7A	7A		H	ROBERT FERGUSON
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FEO. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTAUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
8AY MINETTE	0583	08	BALOWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 SSW	0757	02	JEFFERSON	2	33 22	87 01	540	6P	6A		H	CLOSED 1/31/77
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	6A		H	MRS. CLARA T. PEAVY
BRIDGEPORT	1099	02	JACKSON	12	34 57	85 43	615	8A	8A		H	JAMES R JOHNSON
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDOIGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CAMP HILL 2 NW	1324	05	TALLAPOOSA	11	32 50	85 39	680	7A	7A		H	AUBURN UNIVERSITY
CARSON HILL	1377	03	WALKER	2	33 54	87 32	430					MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R. WATSON
CENTREVILLE WSMO	1525	03	8188	3	32 54	87 15	456	7A	7A		H	WEA SERV MET 085
CHATAM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183					TOLLIE L. HASKW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	595	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 44	87 50	470				C	TVA-462
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		SP			R O HEARD
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			WILLIAM H EVANS
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 10	87 24	800	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	SP	SP		C H	MRS CLYDE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	SP	SP	SP	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	5P	5P		H	HENRY G. RICHARDS
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J BEARD
GAOSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMPTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 49	86 38	445	7A	7A		C H	WILLIE P CRUTCHFIELD
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 15	87 37	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 36	180	7A	7A		H	DAISY O MITCHELL
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	M10	M10	M10C	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MAGELLA	4996	02	JEFFERSON	3	33 30	86 51	654		7A			ALABAMA POWER CO.
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 03	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	H. WAYNE MC FARLEN
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EODINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 31	180		7A			INACTIVE 6/30/76
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	M10		H	ST. BERNARD COLLEGE

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	IP	IP		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			MRS ELIZA J. BEARDEN
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		7A			INACTIVE 4/25/76
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.
CLOSED STATIONS												
BESSEMER 3 55W	0757	02	JEFFERSON	2	33 22	87 01	540	6P	6A		H	CLOSED 1/31/77
NEW STATIONS												
BESSEMER 3 5SW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

<u>DAILY SOIL TEMPERATURES TABLE:</u>	<u>Soil Type</u>	<u>Soil Cover</u>	<u>Degree of Slope</u>
Auburn Agronomy Farm	Chesterfield sandy loam	Bare	0-2%
Headland	Dothan sandy loam	Bare	Unknown
Marion Junction	Sumter Clay	Bare	3-5%
Pittsview	Izagara fine sandy loam	Bare	Unknown
Thornshy Exp. Station	Fine Loamy	Bare	0-2%
Winfield 2 SW	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

‡ Extreme occurred at station with incomplete data which may have been exceeded.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

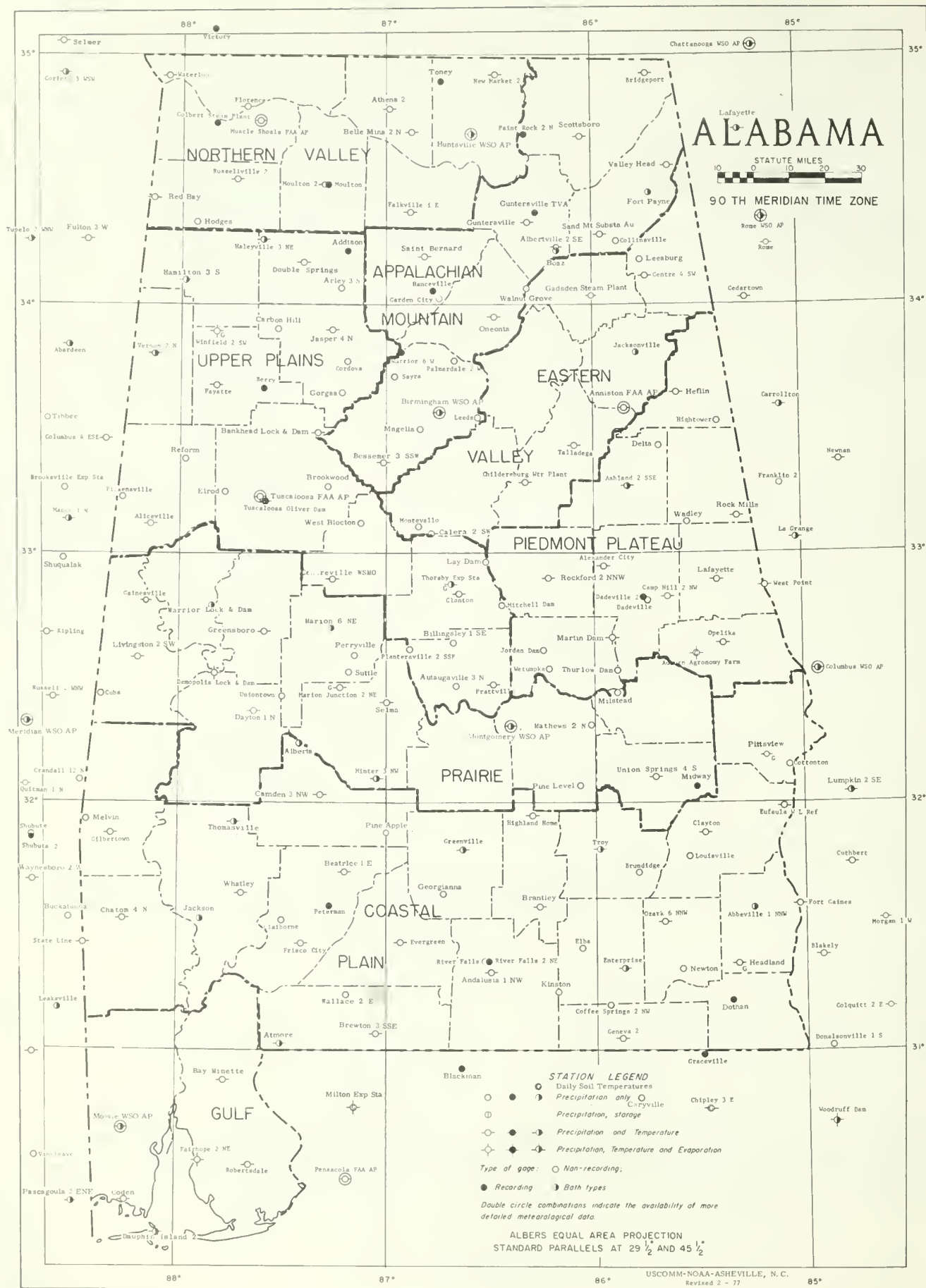
\* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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**THIRD CLASS**



# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	87	DATE	22+
LOWEST TEMPERATURE:	VALLEY HEAD	20	DATE	02
GREATEST TOTAL PRECIPITATION:	ANNISTON FAA AP	18.09		
LEAST TOTAL PRECIPITATION:	HEADLAND	5.86		
GREATEST 1 DAY PRECIPITATION:	ANNISTON FAA AP	7.96	DATE	29

## SUPPLEMENTAL DATA

	WIND (SPEED → M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	16	1.6	8.5	34	SE	28	72	76	S3	S1	1	3	2	4	2	1	13	47	6.7	
HUNTSVILLE WSO AP	17	2.1	11.0	31++	18	28	73	79	S3	SS	4	1	4	3	2	1	15	-	6.1	
MOBILE WSO AP	14	3.4	10.6	29++	16	12	75	79	S4	63	2	5	4	2	3	0	16	-	7.5	
MONTGOMERY WSO AP	17	1.5	7.8	43	SW	04	80	84	60	61	0	3	5	1	4	0	13	49	7.0	



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell* DIRECTOR  
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MARCH 1977

STATION	TEMPERATURE										PRECIPITATION																
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-5 OR MORE	1.00 OR MORE				
										40° OR ABOVE	32° OR BELOW	24° OR BELOW	16° OR BELOW														
NORTHEAN VALLEY 01																											
ATHENS 2	65.8M	41.4M	53.6M		83	31	26	23	348	0	0	7	0	9.42		4.40	4		0		6	4	2				
BELLE MINA 2 N	66.5	41.8	54.2		83	31	27	2	334	0	0	7	0	9.16		3.42	4		0		8	6	3				
FALKVILLE 1 E	66.6	41.5	54.1		81	31	25	23	337	0	0	6	0	8.65		2.97	4		0		7	6	4				
FLORENCE	70.2	45.1	57.7		86	30	30	23*	239	0	0	2	0	8.31		3.03	4		0		7	3	3				
HUNTSVILLE WSO AP	66.7	43.9	55.3	4.5	82	30	29	1	301	0	0	5	0	9.50	3.71	3.41	12		0		10	6	3				
MOULTON 2	67.8	43.9M	55.9M		84	30	28	23	292	0	0	5	0	9.37		4.26	4		0		9	5	2				
MUSCLE SHOALS FAR AP	67.1	45.3	56.2	5.0	85	30	31	23*	282	0	0	3	0	8.59	3.10	3.46	3		0		8	4	2				
NEW MARKET 2																											
RED BAY	71.3M	44.9M	58.1M		85	30	30	23*	227	0	0	3	0	8.44		3.37	4		0				3				
AUSSELLVILLE 2	66.8	38.6	52.7		84	31	23	1	377	0	0	10	0	7.07		2.58	12		0		6	5	2				
WATERLOO																											
DIVISION			55.3	4.4										8.72	2.94				0								
APPALACHIAN MOUNTAINS 02																											
ALBERTVILLE 2 SE	66.3	45.3	55.8	5.7	78	30*	30	23*	288	0	0	2	0	10.25	4.35	3.35	12		0		10	7	4				
BESSEMER 3 WSW	68.5	42.6	55.6		79	30*	29	23	292	0	0	5	0	11.61	5.05	2.10	21		0		10	8	5				
BIRMINGHAM WSO AP	68.7	45.9	57.3	4.0	81	30*	29	1	252	0	0	3	0	8.70	2.53	2.12	12		0		9	7	3				
BRIDGEPORT																											
GUNTERVILLE	67.8M	41.5M	54.7M		82	14	28	2	327	0	0	5	0	14.84					0								
ONEONTA	66.4	40.7	53.6	2.5	79	28	27	23*	351	0	0	7	0	10.98	4.67	2.12	13		0		8	7	6				
SAINT BERNARD																											
SAND MT SUBSTA AU	64.8M	42.3M	53.6M		77	28*	27	23	344	0	0	5	0	8.74		1.85	13		0		8	7	5				
SCOTTSBORO	67.3	40.3	53.8	3.2	81	31	25	1	343	0	0	7	0	10.85	4.33	2.58	13		0		9	6	4				
VALLEY HEAD	64.5	36.0	50.3	1.8	77	28*	20	2	452	0	0	13	0	12.21	6.18	4.15	30		0		9	7	5				
DIVISION			54.3	3.1										11.02	4.82				0								
UPPER PLAINS 03																											
BANKHEAD LOCK AND DAM	68.8	44.6	56.7		80	31	30	1	258	0	0	2	0	8.97	2.61	2.15	13		0		8	7	5				
CENTREVILLE WSO	69.2	44.3	56.8		82	19	30	1	261	0	0	3	0	16.38		4.21	30		0		8	8	7				
CLANTON	68.8	44.2	56.5	3.0	81	19*	29	1	269	0	0	4	0	12.22	5.53	2.90	31		0		11	8	6				
DOUBLE SPRINGS	68.9	40.2M	54.6M		84	31	24	1	335	0	0	7	0	7.41		2.48	12		0		5	4	3				
FAYETTE	70.1M	41.5M	55.8M	2.7	85	31	31	8*	315	0	0	3	0	9.80	3.28				0								
HALEYVILLE 3 NE	68.1	43.7	55.9	5.6	83	30	27	23	288	0	0	4	0	10.40	3.95	4.76	4		0		9	6	2				
HAMILTON 3 S	68.5	37.3	52.9		84	31	23	1	370	0	0	12	0	10.77		5.58	4		0		6	6	2				
JASPER 4 N	67.8	39.5	53.7		83	31*	25	2*	351	0	0	7	0	10.36		2.76	3		0		8	7	3				
PRATTVILLE	68.4M																		0								
THORNTON EXP STATION	70.5	48.5	59.5		80	20*	31	1	195	0	0	1	0	9.53		2.99	12		0		10	5	4				
TUSCALOOSA FAR AP	71.3	48.7	60.0	5.4	84	15*	30	1	175	0	0	2	0	11.90	6.25	3.17	12		0		9	8	5				
TUSCALOOSA OLIVER DAM	68.8	44.7	56.8		81	31	30	1	262	0	0	3	0	12.87	6.92	2.55	30		0		8	7	6				
VERNON 2 N	68.4	41.2	54.8		85	31	26	23*	319	0	0	6	0	10.08		4.20	4		0		7	6	4				
WINFIELD 2 SW	67.5	37.3	52.4		82	31	22	1	387	0	0	11	0	9.03	2.84	3.50	4		0		7	6	3				
DIVISION			55.9	2.5										10.75	4.52				0								
EASTERN VALLEY 04																											
ANNISTON FAR AP	68.5	45.6	57.1		81	14	27	1	248	0	0	2	0	18.09		7.96	29		0		9	8	4				
CALERA 2 SW	70.0	45.0	57.5		82	18	25	1	240	0	0	5	0	16.01	9.33	4.00	29		0		10	7	7				
CENTRA 4 SW	67.2	42.8	55.0		79	29*	26	1	310	0	0	6	0	9.53		2.04	13		0		10	6	4				
CHILDERSBURG WTA PLANT	70.8	44.7	57.8		81	18	26	1	235	0	0	6	0	16.71	10.41	4.67	29		0		10	8	4				
GROESBECK STEAM PLANT	66.8	42.7	54.8	2.7	80	28	28	1	314	0	0	7	0	9.72	3.63	2.26	13		0		9	7	4				
TALLADEGA	71.2	43.2M	57.2M	3.3	81	29*	24	8	256	0	0	4	0	17.59	11.26	7.81	30		0		9	7	4				
DIVISION			56.6	3.6										14.61	8.32				0								
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	68.8	45.3	57.1		83	15	28	1	252	0	0	3	0	12.45	5.63	2.10	31		0		12	7	6				
ASHLAND 2 SSE	65.6	43.3	54.5		79	19	26	2	327	0	0	6	0	12.93		3.80	30		0		10	7	4				
AUBURN ACADEMY FARM	67.8	48.2	58.0		80	19*	29	1	229	0	0	1	0	10.45		2.81	29		0		12	7	4				
CAMP HILL 2 NW	68.6	42.1	55.4		81	19	24	1	307	0	0	7	0	9.09		1.96	13		0		12	7	4				
HEFLIN	66.5	37.0M	51.8M		79	28*	21	1	406	0	0	9	0	15.86					0								
LAFAYETTE	70.8	46.9	58.9		82	14	28	8*	204	0	0	3	0	9.89		1.63	12		0		12	8	4				
MARTIN DAM	68.6	48.8M	58.7M		80	26*	32	8*	214	0	0	2	0	10.92	4.43	2.68	12		0		12	7	4				
OPELIKA	68.9	44.0M	56.5M		82	15	27	2	278	0	0	7	0	7.96		1.69	31		0		9	6	4				
ROCKFORD 2 NNW	68.8	46.1	57.5		82	19	30	23	243	0	0	3	0	11.42		2.85	13		0		12	7	5				
ROCK MILLS	69.6M	44.3M	57.0M	4.1	82	19			257	0	0	3	0	11.93	5.70	3.20	22		0		11	9	6				
DIVISION			56.5	2.6										11.29	4.65				0								
PRAIRIE 06																											
DAYTON 1 W	70.1	47.4	58.8		83	19	32	8	215	0	0	1	0	13.71	7.12	3.78	31		0		8	6	4				
DEMOPOLIS LOCK AND DAM	69.1	46.5	57.8		82	31*	29	1	238	0	0	1	0	10.59	4.58	2.54	4		0		8	6	7				
GAINESVILLE	69.5	46.2	57.9		83	31*	32	1	237	0	0	1	0	12.33	6.47	4.17	22		0		8	6	5				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MARCH 1977

STATION		TEMPERATURE											PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	1.50 OR MORE	1.00 OR MORE
											30" OR ABOVE	32" OR ABOVE	34" OR ABOVE	36" OR ABOVE										
GREENSBORO		70.8	46.9	58.9	2.8	83 18	28 1	207	0	0	3	0	12.22	5.74	3.03	29	-0	0	7	7	5			
LIVINGSTON 2 SW		71.2	43.1	57.2		84 18	26 1	255	0	0	4	0	11.00	4.23	2.42	4	-0	0	9	8	5			
MARION JUNCTION 2 NE		69.0	45.4	57.2		81 30	30 1	260	0	0	2	0	11.30	4.96	2.91	31	-0	0	12	8	5			
MINTER 3 NW		70.6	48.3	59.5		83 31	28 1	203	0	0	1	0	7.55	1.57	1.57	4	-0	0	10	5	4			
MONTGOMERY WSO AP	R	68.5	48.8	58.7	2.2	83 14	32 8	216	0	0	2	0	7.16	1.14	1.66	28	-0	0	10	5	4			
SELMA		72.3	50.3	61.3	3.2	84 17	31 1	158	0	0	1	0	9.43	3.18	1.95	31	-0	0	11	6	5			
UNION SPRINGS 4 S		66.5	45.3M	55.9M	- .2	85 16	29 1	295	0	0	3	0	6.75	.61	2.45	22	-0	0	6	3	3			
DIVISION				58.3	2.0								10.20	3.94			-0							
COASTAL PLAIN 07																								
ANDALUSIA 1 NW		72.6	44.8M	58.7M	.8	85 19	26 1	228	0	0	7	0	7.89	1.47	1.38	29	-0	0	10	8	4			
ATMORE		73.4	51.3	62.4		85 20	34 1	148	0	0	0	0	8.40		2.40	31	-0	0	9	5	4			
BEATRICE 1 E		70.0	49.8	59.9		80 21	36 23	191	0	0	0	0	9.56	2.91	3.01	4	-0	0	11	7	3			
BRANTLEY		72.8	46.6	59.7		84 20	27 1	201	0	0	5	0	8.34	2.07	1.62	29	-0	0	9	6	4			
BREWTON 3 SSE		75.6	49.0M	62.3M	3.8	87 14	26 1	140	0	0	5	0	10.49	3.88	2.90	31	-0	0	10	6	4			
CAMDEN 3 NW		71.6	47.7	59.7		83 15	32 8	196	0	0	2	0	7.09		1.81	13	-0	0	10	5	3			
CHATAM 4 N		74.6	49.9	62.3		86 19	33 8	139	0	0	0	0	7.29		2.29	12	-0	0	10	5	2			
CLAYTON		70.8	49.1	60.0		84 21	35 1	190	0	0	0	0	7.26	1.37	1.99	22	-0	0	9	4	3			
ENTERPRISE		74.1M	49.9M	62.0M		86 19	32 1	135	0	0	1	0	6.93		1.75	13	-0	0						
EUFULA WILDLIFE REF		73.2	47.3	60.3	3.0	85 19	21 1	179	0	0	4	0	6.60	.88	2.18	22	-0	0	8	4	4			
EVERGREEN		72.1	47.6	59.9	2.9	87 22	29 1	198	0	0	4	0	11.96	5.07	2.82	29	-0	0	12	6	5			
FRISCO CITY		71.2	48.2	59.7		85 19	32 1	195	0	0	1	0	10.03	3.38	2.07	13	-0	0	11	6	4			
GENEVA 2		74.5	49.5	62.0		86 20	29 1	158	0	0	3	0	5.91		1.73	31	-0	0	8	7	1			
GILBERTOWN		73.2M	47.4	60.3M		86 19	28 1	184	0	0	5	0	8.71		2.53	12	-0	0	10	4	4			
HEADLAND		72.1	50.7	61.4		85 30	35 8	154	0	0	0	0	5.86		1.18	22	-0	0	8	6	2			
HIGHLAND HOME		72.1	47.7	59.9	2.9	83 15	31 1	188	0	0	1	0	9.83	2.95	2.60	4	-0	0	10	5	4			
OZARK 6 NNW		73.3	52.6	63.0	4.3	84 19	37 23	120	0	0	0	0	7.65	1.76	1.42	4	-0	0	10	7	3			
PITTSVIEW		70.6M	45.1M	57.9M		83 20	23 1	255	0	0	6	0	6.79		1.91	22	-0	0	9	4	3			
THOMASVILLE		71.6	47.2	59.4	2.9	85 15	32 8	202	0	0	2	0	8.48	1.33	2.62	13	-0	0	10	5	4			
TROY		72.1M	50.5M	61.3M	3.7	84 19	33 1	159	0	0	0	0	7.14	.96	1.77	4	-0	0	7	4	4			
WHATLEY		77.0	42.9M	60.0M		87 15	29 8	172	0	0	3	0			2.30	4	-0	0						
DIVISION				60.6	2.9								8.11	1.72			-0							
GULF 08																								
BAY MINETTE		73.0	49.4	61.2	1.4	84 14	34 1	163	0	0	0	0	6.39	-.90	1.47	31	-0	0	8	5	3			
COOEN		70.9	51.9	61.4		81 16	31 1	154	0	0	2	0	7.93		3.48	31	-0	0	6	5	2			
DAUPHIN ISLAND 2		67.6	56.2	61.9		78 31	38 8	134	0	0	0	0	6.30		2.20	31	-0	0	7	3	3			
FAIRHOPE 2 NE		70.4M	50.3M	60.4M	.5	81 17	34 1	178	0	0	0	0					-0	0	9	4	3			
MOBILE WSO AP		71.6	53.5	62.6	3.2	83 18	35 8	141	0	0	0	0	6.06	- 1.01	1.48	31	-0	0	9	5	3			
ROBERTSDALE		72.4	50.7	61.6	2.2	85 17	34 1	160	0	0	0	0	7.15	.37	1.54	29	-0	0	8	6	4			
DIVISION				61.5	1.8								6.77	.01			-0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
MARCH 1977

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	9.42				4.40	.52							3.40								.32	.05						.11	.62				
BELLE MINA 2 N	9.16			.02	3.42	.61	.01					T	2.42	.65			T				.30	.07						.12	.50	1.04			
FALCKVILLE 1 E	8.85				2.87	.71	.08						.02	1.75	1.06						.30	.06						.04	.68	2.03	1.18		
FLORENCE	8.31			1.26	3.03	.33							.11	2.86							.15	.01						.07	.48		.01		
HODGES	9.23			.04	3.77	.78							3.38								.34	.02						.04	.80	.04			
HUNTSVILLE WSD AP	9.50		T	1.46	1.44	.37	.31					T	.84	3.41					T		.28	.08						.11	.63	.57	T		
MOULTON 2	9.37				.73	.42	.73						.42	1.85						T	.41		.08					.07	.50	.15	.17		
MUSCLE SHOALS FAR AP	8.59		T	3.46	.78	.60	.08						.32	2.50							.19	T						.28	.40	T			
NEW MARKET 2																																	
RED BAY	8.44			1.00	3.37	T	.78						.37	2.35							.02				.04				X	.51	T		
RUSSELLVILLE 2	7.07		.04		2.20	.69							2.58								.75	.05							.10	.58	.08		
WATERLOO																																	
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 SE	10.25			.15	1.12	1.05	.03					.01	.30	3.35							.38		.70					.06	.70	.80	1.50		
BESSEMER 3 WSW	11.81			.22	1.60	1.05	.86					.02	.09	1.86							.10								.68	2.03	.60		
BIRMINGHAM WSD AP	8.70			.10	.88	.82	.77					.04	.08	2.12							.08	.40	1.58						.67	1.10	.38		
BORZ	10.11				1.23	T	1.09	.02					1.46	2.96			T													.04	.68	1.44	
BRIDGEPORT																																	
COLLINSVILLE	10.77			1.72	.51	.50							.28	3.09							.56	.95	.15					.10	.65	2.18			
FORT PAYNE	11.78				1.10	1.09	.02						.02	.91	2.75						.50		.76					.08	.60	2.85	1.10		
GADSDEN CITY	10.67				2.54	.63	.05						.05	1.48	2.58						.78		.78						.75	1.02	T		
GUNTERSVILLE	14.84				1.50	1.00							4.30								.34		.63					.07	X	7.00			
LEEDS	12.95				.86	1.76	.08						.05	1.54	1.78			T			.02	2.55							1.40	2.45	.36		
ONEONTA	10.98				1.32	T	1.32	.08					1.75	2.12		T					.40		1.12						.85	2.02	T		
PALMERDALE 2 W	9.39				1.43	1.52	.08						.10	1.05	1.53						.20		1.36						.62	1.50			
SAINTE BERNARD																																	
SAND MT SUBSTA AU	8.74				1.13	1.06	.03						.01	1.82	1.85						.40		.88						.07	.68	1.61		
SAVAGE	11.10			.03	2.05	1.40	.04						4.35	.22		.03						1.48							.14	.85	.50	T	
SCOTTSBORO	10.85				1.83	.81	.12					T	2.10	2.58							.25		.51						.08	.42	2.14		
VALLEY HEAD	12.21				1.07	1.21	.03					.01	1.03	2.80							.37		.61						.09	.55	4.15	.47	
WARRIOR 6 W	11.34			T	2.54	1.23							1.06	3.60					T		.27		1.29							.80	.55		
UPPER PLAINS 03																																	
ABLEY 3 S	11.04				2.87	.74	.06						.10	1.95	.60						.40	.28								.72	3.32		
AUTUMNVILLE 3 N	8.63				.86		.59						.32	.31	2.13						.17	.32								1.73	.42	.98	
BANKHEAD LOCK AND DAM	8.87				1.75	1.37	.04						.12	1.05	2.15						.08		1.10						.03	.67	.61		
BILLINGSLEY 1 SE																																	
BROOKWOOD	15.11			.12	1.60	1.90	.08						.05	2.00	.60						.14		2.52						T	1.10	2.90	.10	
CARSON HILL	9.41				3.00	.68	.02						.08	2.62	.06						.51		.44						.03	.68	1.32		
CENTREVILLE WSDMO	16.38				1.32	1.22	.05						.04	.68	2.16		T				.07	.01	2.80							1.81	4.21	1.81	
CLANTON	12.22				1.10	.62	.15						.10	1.08	2.50						1.50	.25	1.50							1.40	.70	2.80	
CORODVA 2 ENE	9.41				2.38	.96	.04						.11	2.30	.80						.27		1.11							.82	.61	.01	
DOUBLE SPRINGS	7.41				2.33	.67							2.48																.35	1.58			
ELWOOD	8.64			.05	2.20	1.40	.05						.05	1.78								1.50								.93	.68		
FAYETTE	9.80				2.90	.65							X	4.00							.50		.48						.10	.77	.40		
GORDON	9.46				2.27	1.37	.10						.06	1.26	1.78						.23		1.16							.61	.48	.14	
HARTSVILLE 3 NE	10.40			.89	4.76	.68							.13	2.38							.58									.68	.14	.24	
HAMILTON 3 S	10.77			.02	5.58	.65							.02	2.46	.01						.61	T								T	.56	.86	
JASPER 4 M	10.38			2.76		.78	.03						.08	2.38	.22						.51	.87								.97	1.62	.03	
LAY DAM	8.46			.91		.61	.08					.10	.35	1.65							.11		1.70						1.30	.35	1.17	.13	
MITCHELL DAM	10.82			.86		.72	.35						.14	.07	3.34								1.32							1.06	1.71	.99	.08
PICKENSVILLE	5.91			.50	2.49	1.10	1.10			T		T	.03	1.69									T							.10			
PLANTERSVILLE 2 SSE	11.40				1.70	.95	.20						.30	.75	1.95						.10	.15	1.45							.75	1.10	2.40	
PRATTVILLE					1.28	X	1.60						.28																				
REDFORD 2 E	7.86			.04	2.52	1.03	.04						.03	2.21	.02							.12		.67						.48	.14	.95	
THORSBY EXP STATION	9.53				.85	.25	.37					.13	.01	2.99								.03	1.52	.20						1.13	.45	1.50	
TUSCALOOSA FAR AP	11.90		T	.65	1.25	1.11	.60					.13	T	3.17							.03		2.20							.75	2.01	T	
TUSCALOOSA OLIVER DAM	12.87				1.89	1.68	.13						.06	1.59	1.72						.05		2.37							.83	2.55		
VERNON 2 M	10.08				4.20	.62							.12	2.39									1.00</										



# DAILY PRECIPITATION

ALABAMA  
MARCH 1977

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LIVINGSTON 2 SW	11.00				2.42		2.00	.07				.04	1.40								.12	1.14	.99							.69	1.56	.55		
MAISON 6 NE		-	-	-																														
MAISON JUNCTION 2 NE	11.30				1.42		.68	.16			T	.10	.58	1.62			T				.26	.15	1.33							1.10	.76	2.91		
MATHEWS 2 N	10.06				1.01	.60	.90						2.10								.62	.83								3.05				
MILSTEAD	13.18				1.32	T	.99	.21				.25	.23	1.45							.66	.10	.75							3.84	.90	2.26		
MINTER 3 NW	7.59				1.57		1.16	.29				.47	1.31	.70							.10	.19								1.37	.06	.29		
MONTGOMERY MSB AP	7.16				1.00	1.17	.53				.25	.03	1.39							.13	.15	.41							1.66	.01	.34	.09		
PEABODYVILLE	9.12				1.35		.64	.11				.07	.43	1.95							.06	.13	.95							1.31	.69	1.43		
PIKE LEVEL	10.99				2.66	.33	.22	.16				.29	.06	1.44							.64		1.26							2.75	1.00	.16		
SELMA	9.43			T	1.34	.61	.26					.16	.13	1.67							.42	.05	.33							1.24	1.05	1.95		
SUTTLE	10.65				1.34			.75					.75									1.90	.95							1.19	.51	3.46		
UNION SPRINGS 4 S	6.75				1.90	.05	.35	.30			T		.02								.16		2.45							1.50	T			
UNIONTOWN	12.26				3.70			.40				.06	4.80	.25								.20	.50						1.00	.18	.91			
WADSWORTH LOCK AND DAM	12.33				1.38	.01	1.69	.10				1.58		.94							.11	.02	3.20							.56	2.18	.56		
COASTAL PLAIN 07																																		
ABBEVILLE 1 NW	7.02				1.06	.60	.65	.56			T	.52	.02								.05	2.66								T		.46		
ALBANY	8.77				1.44		.79	.18				.21	.80	1.86							.17	.06	.06	2.26					.06	2.26	.16			
ANDALUSIA 1 NW	7.69				1.32	.50	.54	.14			.10	.66	.07	1.30							-	1.05	1.36	T					1.36	T	.81			
ATHENS	8.40				1.42	.46	.36	.15			.54	.02		1.00								.15	1.63	.05	2.40					1.63	.05	2.40		
BEATRICE 1 E	9.58				3.01	.26	.27	.24			.14	.62	1.52								.65	.70								1.59	.05	.51		
BENTLEY	6.34				1.49	.24	.51	.10			.06	.49	.06	1.47							.09	.83	1.62	T	1.38				2.40	T	2.90			
BENTON 3 SSE	10.49				1.30	.46	.50	.10			.65	.24	T	1.64			T					.26	.26	2.40	T	2.90				.66	T	.90		
BURNSIDE	6.08				1.10	.34	.36	.16			.01	.47	.02	1.00							T	.06	1.36	.66	T	2.90				.66	T	.90		
CANDLER 3 NW	7.09				1.39	T	1.02	.30			T	.62	.13	1.61								.05	.22	.01	.05	.39				.05	.39	.19		
CHATHAM 4 N	7.29				2.18	.35	.54	.14			.50	.11	2.29								.05	-	-	.76	.12	.25				.76	.12	.25		
CLATSONE	9.89				2.90	.08	.45	.21			.14	.55	.11	1.62							.71	1.03	1.21	.04	.63					1.21	.04	.63		
CLAYTON	7.26				.99	.36	.46	.26			.40	.05	1.40								-	1.99	1.10	.17	-					1.10	.17	-		
COFFEE SPRINGS 2 NW	6.90				1.40	.70	.50	.60			.40	T	1.40									.45	T	1.45	-					.39	.02	.11		
COTTONHOLM	8.32				1.06	1.05	.24	-				.70	1.10	-							.08	1.55	.39	.02	.11	-				.39	.02	.11		
ELBA	10.62				1.35	.45	.52	.25			.05	.54	.03	1.57							.03	2.75	2.45	.63	-					2.45	.63	-		
ENTERPRISE	6.93				.95	.78	.65	.26			T	T	.50	1.75			.01	-			.05	.01	1.18	.17	T	-			.17	T	-	.62		
EUPLA WILDLIFE REF	6.60				1.11	.39	.10	.06			.22	.22	1.06	-							-	2.18	.42	2.18	.14	-				.42	2.18	.14		
EYEDGREEN	11.96				2.17	.20	.30	.20			.20	.72	.10	2.41							1.20	1.20	2.62	.10	1.54	-				2.62	.10	1.54		
FAIRBORN CITY	10.03				1.69	T	.30	.18			.23	.67	.10	2.07							.45	1.55	1.71	T	.68	-				1.71	T	.68		
GENEVA 2	5.91				.74	.67	.60	.51			.02	.56	.69	-							.02	.17	.02	.17	-					.02	.17	1.73		
GEORGIANNA	10.80				2.17	.09	.20	.20			.10	.57	.07	1.95							.07	.02	1.05	3.44	.20	.67	-			3.44	.20	.67		
OILBENTON	8.71				2.13	.39	.39	.06			.31	T	2.53								.20	.20	1.10	.40	1.10	.10	-			1.10	.40	1.10		
HEADLAND	5.68				1.00	.56	.80	.44			.07	.45	.02	.76							.05	1.18	.53	.46	.53	-				.53	.46	.53		
HIGHLAND HOME	9.03				2.60	.13	.43	.16			.66	.03	1.57	.17							.53	1.40	.03	1.40	.05	.58	-			.03	1.40	.05	.58	
JACKSON	8.30				2.41	.03	.90	.21			.66	.03	1.57	.17							.04	T	.20	.03	1.40	.05	.58	-			.03	1.40	.05	.58
KINSTON	10.08				1.39	.92	.58	.24			.03	.72	.10	1.96							T	1.25	1.98	.91	-					1.98	.91	-		
LOUISVILLE	6.61				1.14	.55	.30	.47			.37	.63	-	-							-	2.54	1.47	.02	.32	-				1.47	.02	.32		
MELVIN	8.39				2.90	-	.40	.52			.31	1.76	-	-							.10	.17	1.23	1.00	-					1.23	1.00	-		
MELTON	8.00				1.40	2.00	-	-			.80	-	-	1.10							.10	.10	2.00	.80	-					.80	-	-		
SEAR 6 NW	7.65				1.42	.50	.83	.22		.35	.05	.10	1.25	-							.04	1.37	.82	.05	.55	-				.05	.55	-		
PIKE APPLE	6.52				2.50	.77	.27	.27			.59	.59	2.00	-								.67	1.72	.16	-					1.72	.16	-		
PITTSVIEW	6.79				1.32	.41	.61	.15			.25	.07	1.20	-							.06	1.81	.44	.01	.16	-				.44	.01	.16		
QIVIS FALLS	6.38				1.30	.45	.52	.10			.12	.67	.06	1.18							-	1.06	1.64	.18	1.06	-				1.64	.18	1.06		
THOMASVILLE	6.40				1.59	-	.95	.23			T	.24	1.20	2.62							.05	.15	.01	1.06	.18	1.06	-			1.06	.18	1.06		
TROY	7.14				1.77	.17	-	-			.33	.05	1.51	-							.06	1.46	1.30	.49	-					1.30	.49	-		
WALLACE 2 E	-				1.90	.30	-	.50			.80	.30	-	-							.10	.40	2.90	.10	1.30	-				2.90	.10	1.30		
WATLEY	-				2.30	-	1.10	-			.10	.32	1.73	-							-	-	-	.25	1.45	.67	.54	-		.25	1.45	.67	.54	
GULF 08																																		
BAY MINETTE	6.39				1.19	.56	.17				.27	.01	.96			.02	-				.25	-	1.37	.05	.03	1.47	-			1.37	.05	.03	1.47	
COHEN	7.93				1.67	.65	.06	T			.06	.52	-	-								.45	.96	.31	3.46	-				.96	.31	3.46		
DAUPHIN ISLAND 2	8.30				1.28	.06	.29	.07			.06	.02	.02	.46	.01	.01						.45	.20	.13	2.20	-				1.13	2.20	-		
FAIRHOPE 2 NE	-				1.31	.63	.26	.09			.20	.02	.19	.42			.02					.14	.09	1.15	.01	-				1.15	.01	-		
MOBILE MSB AP	6.06			T	1.03	.54	.12	-			.21	.02	.99	-		.01					.13		.15	T	.07	1.27	.02	.16		1.27	.02	.16		
QUEBECSDALE	7.15				1.29	.63	.51	.04			.26	T	T	1.26			T	T	T			T	.16	.09						1.54	.02	1.35		

# DAILY TEMPERATURES

ALABAMA  
MARCH 1977

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	50 27	56 30	59 37	57 48	63 32	52 42	49 28	60 28	68 32	67 46	68 56	66 54		71 38	77 42	79 49	64 43	70 48		71 40	65 44	59 39	55 26	66 35	68 44		76 48	79 52	69 54	74 51	83 45	65.8 41.4	
BELLE MINA 2 N	MAX MIN	49 29	55 27	60 31	61 50	63 38	59 39	48 31	59 32	67 33	66 38	70 38	68 51	64 49	70 40	78 42	79 49	66 46	70 47	76 47	64 45	64 45	60 40	56 30	66 31	68 41	74 44	76 49	80 57	68 53	74 56	83 48	66.5 41.8	
FALKVILLE 1 E	MAX MIN	51 26	56 28	60 35	62 45	65 33	59 37	48 28	58 29	67 35	66 45	68 52	68 56	68 47	72 39	78 43	80 51	64 43	70 46		78 47	67 39	64 39	58 39	55 25	65 30	67 36	74 40	77 51	78 58	69 54	72 57	81 54	66.6 41.5
FLORENCE	MAX MIN	57 33	61 33	58 48	65 50	61 35	55 35	62 31	71 34	68 41	72 41	67 57	68 54	73 48	80 44	81 51	79 46	68 47	76 54	74 47	67 42	62 49	57 38	70 30	70 36	75 44	79 43	80 56	74 54	79 52	86 62	81 45	70.2 45.1	
HUNTSVILLE WSO AP	MAX MIN	55 29	60 30	62 48	65 45	58 35	50 35	59 31	67 32	66 37	69 47	67 54	67 51	71 47	79 43	80 45	65 48	66 46	76 55	62 48	64 41	60 49	52 36	65 30	66 39	74 43	75 44	76 56	69 56	73 54	82 60	67 47	66.7 43.9	
MOULTON 2	MAX MIN	53 32	60 30	58 49	63 52	59 39	49 43	59 31	69 31	67 39	68 48	65 57	68 56	66 44	80 42	81 45	73 51	68 48	78 78	67 48	65 43	60 49	55 39	68 28	67 34	74 42	77 40	79 54	73 42	74 53	84 60	75 48	67.8 43.9	
MUSCLE SHOALS FAA AP	MAX MIN	54 33	59 32	56 50	63 45	55 37	52 40	60 31	67 34	66 40	67 48	65 57	68 51	72 46	79 42	81 48	64 51	68 47	77 58	63 49	63 43	60 50	56 39	68 31	67 36	73 46	77 41	80 57	70 56	76 53	85 65	68 47	67.1 45.3	
NEW MARKET 2	MAX MIN																																	
RED BAY	MAX MIN	56 30	63 35		65 49		56 35	65 32	70 34	67 37	69 50	66 58	68 54	72 47	80 45	83 53	82 51	70 50	77 66	72 50	68 38	65 35	59 36	70 30	74 41	79 49			80 51	79 51	85 63	84 45	71.3 44.9	
RUSSELLVILLE 2	MAX MIN	53 23	56 30	62 34	57 48	63 30	57 31	51 28	59 28	68 28	65 35	65 51	67 55	67 44	71 37	78 38	80 50	65 43	68 47	77 47	67 35	66 35	60 36	54 25	68 26	69 30	75 36	77 48	79 58	69 50	75 51	84 41	66.8 38.6	
WATERLOO	MAX MIN																																	
APPALACHIAN MOUNTAINS 02																																		
ALBERTVILLE 2 SE	MAX MIN	51 33	55 30	51 46	65 49	60 40	49 39	55 34	67 35	68 39	69 45	62 54	67 52	72 46	78 46	75 53	72 52	67 45	78 58	69 45	63 42	56 46	55 36	65 30	68 40	75 42	75 49	77 54	72 54	65 58	78 59	76 52	66.3 45.3	
BESSEMER 3 WSW	MAX MIN	64 31	65 32	69 49	68 42	68 42	50 41	66 34	70 30	69 34	68 48	69 53	68 43	69 40	77 50	79 51	71 50	74 40	67 47	75 52	66 35	55 37	59 39	68 29	69 37	65 32	71 45	73 53	68 48	72 61	79 61	73 42	68.5 42.6	
BIRMINGHAM WSO AP	MAX MIN	62 29	63 36	65 51	65 43	56 37	51 40	59 33	67 32	68 36	65 49	70 57	70 50	75 42	81 41	79 46	69 50	73 49	78 60	73 52	66 48	58 52	66 35	66 30	70 35	75 45	77 43	79 61	69 57	72 62	81 69	73 54	68.7 45.9	
BRIDGEPORT	MAX MIN																																	
CUNTERSVILLE	MAX MIN	56 29	57 28	60 30	64 33	65 38	57 38	55 33	65 31	68 35	67 49	69 48	68 47	70 44	82 43	79 51	77 53	65 46	78 60	76 45	79 44	61 39	65 36	58 30	62 40	60 37	64 40	77 37	73 40		51 51	79 53	79 52	67.8 41.5
ONEONTA	MAX MIN	53 27	61 29	61 35	56 49	66 38	56 36	50 33	58 28	67 29	67 32	69 52	68 54	67 43	74 38	78 38	76 42	67 46	70 51	78 45	70 42	65 44	55 45	65 36	65 27	69 32	75 34	77 39	76 40	50 50	67 55	78 57	73 54	66.4 40.7
SAINT BERNARD	MAX MIN																																	
SAND MT SUBSTA AU	MAX MIN	43 30	55 28	59 35	63 45	65 37	55 42	55 34	55 30		65 37	66 49	64 55	65 44	72 41	76 48	73 48	65 44	67 48	77 46	67 42	63 50	54 38	52 27	61 32	66 42	73 44	74 53	77 40	64 54	70 55	76 52	64.8 42.3	
SCOTTSBORO	MAX MIN	52 25	57 26	60 31	63 46	66 36	60 38	52 33	59 26	69 29	68 38	70 47	67 57	66 42	71 38	78 39	77 45	69 42	70 49	76 47	64 40	69 43	59 40	56 26	65 30	69 40	75 37	77 45	80 54	66 53	72 56	81 52	67.3 40.3	
VALLEY HEAD	MAX MIN	50 22	56 30	58 25	62 36	63 29	58 31	50 26	55 24	65 27	66 30	65 45	65 52	58 39	69 34	76 36	76 40	67 37	68 40	77 43	67 40	65 42	56 31	51 22	62 26	61 29	73 34	75 33	77 59	65 56	69 57	76 47	64.5 36.0	
UPPER PLAINS 03																																		
BANKHEAD LOCK AND DAM	MAX MIN	57 30	62 32	65 36	65 54	68 39	55 40	50 36	59 35	68 35	68 38	62 53	65 54	69 46	74 41	76 40	77 50	79 51	75 49	76 57	72 49	68 50	58 41	59 33	70 34	75 39	78 45	77 48	79 60	74 56	73 57	80 56	68.8 44.6	
CENTREVILLE WSO	MAX MIN	57 30	66 33	66 37	67 44	67 43	54 43	50 36	61 32	69 32	67 41	60 52	69 55	67 45	76 43	80 44	80 54	72 47	74 46	82 56	71 50	71 49	56 40	58 35	68 38	73 44	76 46	79 48	79 53	79 61	72 62	78 58	69.2 44.3	
CLANTON	MAX MIN	56 29	65 32	65 36	67 48	67 43	55 44	51 36	61 30	69 33	67 38	59 51	68 56	69 43	75 40	81 45	77 50	75 43	74 47	81 55	72 49	71 50	54 40	60 31	67 35	72 40	76 42	78 47	79 58	70 57	77 66	74 57	68.8 44.2	
DOUBLE SPRINGS	MAX MIN	54 24	58 31	64 33	60 41	62 40	65 33	48 29	59 29	59 32	66 38	67 49	65 53	68 45	73 40	80 44	82 45	81 40	80 44	76 40	76 40	65 44	55 36	66 28	69 29	71 40	76 39	79 40	60 60	68 54	71 54	84 48	68.9 40.2	
FAYETTE	MAX MIN	67 43	62 31	66 36	66 48	66 35	66 42	52 31	62 33	70 33	69 40	65 59		69 43	70 40	82 49	83 55	70 46	76 47	77 54	75 47	70 36	64 34	70 40	72 42	78 48	81 70	72 72	72 50	76 76	85 85	70.1 41.5		
HALEYVILLE 3 NE	MAX MIN	56 31	60 31	57 44	65 49	59 35	51 39	58 31	77 34	65 39	65 47	63 53	68 52	72 42	79 46	81 51	74 48	69 45	78 60	66 45	65 38	59 48	55 34	67 27	68 39	75 43	77 45	79 58	71 52	72 48	83 55	78 46	68.1 43.7	
HAMILTON 3 S	MAX MIN	54 23	59 32	64 28	60 48	64 32	59 32	52 27	61 27	69 27	67 30	65 52	68 54	68 38	73 44	80 36	82 44	68 45	73 45	70 44	68 45	59 46	58 37	66 26	68 26	71 30	76 37	79 37	54 44	73 44	81 44	84 44	68.5 37.3	
JASPER 4 N	MAX MIN	63 25																																

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# DAILY TEMPERATURES

ALABAMA  
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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BRANTLEY	MAX MIN	58 27	67 31	71 40	72 52	68 51	60 47	54 40	62 28	68 30	72 38	63 52	70 62	74 42	79 39	84 45	79 55	81 45	78 53	82 66	84 58	76 51	82 45	61 30	70 35	69 39	78 42	79 51	82 56	71 61	83 69	79 65	72.8 46.6
BREWTON 3 SSE	MAX MIN	70 26	72 32	72 44	72 56	69 52	56 48	65 28	70 31	74 33	66 50	71 60	73 55	81 40	87 39	83 48	85 64	83 48	86 64	86 66	80 50	83 56	75 48	71 30	68 36	78 41	79 45	80 56	73 60	74 63	83 72	79 61	75.6 49.0
CAMDEN 3 NW	MAX MIN	58 32	68 36	70 38	71 54	67 50	52 46	61 38	61 32	63 33	72 39	63 52	71 62	68 46	78 45	83 47	81 60	76 49	78 51	82 59	80 55	72 53	69 43	70 35	68 38	67 42	78 44	81 53	79 61	73 56	80 71	81 59	71.6 47.7
CHATON 4 N	MAX MIN	68 33	70 36	69 52	70 53	68 47	50 46	62 36	70 33	70 36	68 51	69 60	73 52	80 46	85 46	83 56	80 62	80 51	85 66	86 65	85 54	83 53	77 44	70 34	69 44	75 43	80 52	76 60	72 55	82 65	80 57	78 58	74.6 49.9
CLAYTON	MAX MIN	55 35	64 40	66 41	69 50	65 50	58 45	53 40	60 36	65 41	68 49	60 51	68 58	73 46	76 49	81 54	78 61	81 50	82 51	83 53	84 54	84 56	71 44	59 36	67 42	67 45	71 46	78 50	80 48	71 58	79 66	79 64	70.8 49.1
ENTERPRISE	MAX MIN	65 32	65 38	68 43	71 52	66 51	62 49	56 42					69 47	68 49	75 45	81 40	78 57	82 53	78 53	86 61	84 60	74 57	80 44	80 37	68 43	70 45	79 48	80 51	80 48	73 58	80 69	82 64	74.1 49.9
EUFULA WILDLIFE REF	MAX MIN	69 21	67 30	70 42	69 53	65 60	62 48	62 43	69 29	69 31	66 49	67 51	73 54	78 52	80 40	87 43	83 58	81 42	85 53	85 50	84 57	69 58	61 45	69 34	67 33	74 41	77 48	79 52	74 58	78 63	79 67	79 62	73.2 47.3
EVERGREEN	MAX MIN	58 29	68 31	69 40	69 52	68 51	55 47	52 38	62 31	68 31	69 38	63 52	70 62	71 42	79 42	84 48	78 58	80 50	78 59	84 65	84 56	73 53	87 46	63 34	70 39	68 41	76 42	77 49	79 58	71 59	80 70	81 64	72.1 47.6
FRISCO CITY	MAX MIN	58 32	67 35	70 43	69 53	69 49	54 46	50 38	60 34	67 35	70 40	63 52	70 62	64 45	78 46	83 48	78 60	78 53	76 55	85 58	83 55	72 57	82 44	60 36	68 41	65 44	77 42	79 50	77 55	73 55	81 70	81 62	71.2 48.2
GENEVA 2	MAX MIN	60 29	67 32	71 40	74 52	68 54	65 48	64 44	63 32	67 35	70 41	63 53	78 62	78 47	84 44	81 49	84 57	82 51	86 56	86 66	75 61	82 58	62 50	62 34	69 40	71 44	78 47	80 55	83 57	76 65	80 69	83 63	74.5 49.5
GILBERTOWN	MAX MIN	68 28	70 34	69 52	69 53	51 48	63 43	69 35	69 30	70 33	61 52	71 53	71 61	80 41	84 39	82 51	77 60	80 52	79 63	86 54	78 60	74 47	65 43	71 30	67 37	76 38	79 45	74 58	73 55	81 65	81 72	78 58	73.2 47.4
HEADLAND	MAX MIN	58 35	65 38	67 43	71 52	68 53	63 48	54 44	60 35	66 39	68 43	61 52	70 61	75 50	76 49	80 51	80 58	82 51	77 55	83 59	85 61	74 55	81 49	60 38	67 44	71 48	76 51	78 54	80 57	73 65	85 68	82 65	72.1 50.7
HIGHLAND HOME	MAX MIN	64 31	67 37	70 42	70 50	68 49	54 45	61 40	69 35	62 39	69 40	61 51	70 60	71 46	77 46	83 52	79 54	80 48	75 50	81 62	81 53	72 52	80 44	70 39	75 37	77 34	79 36	80 58	81 59	78 58	80 67	79 65	72.1 47.7
OZARK 6 NNW	MAX MIN	64 37	67 40	70 47	68 50	62 49	58 45	61 42	69 35	62 42	67 52	74 57	76 49	82 46	78 50	83 52	76 64	84 52	84 65	79 59	79 56	73 46	68 37	70 47	75 48	78 50	79 55	75 58	78 65	81 69	81 64	78 64	73.3 52.6
PITTSVIEW	MAX MIN	58 23	65 29	67 45	70 46	65 49	58 45	54 40	61 26	67 29	69 44	60 50	70 58	75 43	76 36	82 40	80 60	83 39	72 40	83 60	83 57	73 46	62 49	62 28	68 32	69 34	79 50	80 59	74 60	78 66	76 65	70.6 45.1	
THOMASVILLE	MAX MIN	60 32	68 34	70 39	70 54	68 49	51 45	63 34	69 32	70 34	72 37	64 52	70 62	69 44	79 45	85 47	82 60	78 49	76 51	81 60	80 54	71 53	72 42	63 36	71 38	78 41	80 41	80 52	75 63	73 55	80 71	81 57	71.6 47.2
TROY	MAX MIN	66 33	67 40	69 49	67 47	62 51	62 46	61 40	67 35	67 42	61 52	65 57	72 49	72 46	81 50	78 52	79 64	75 50	83 63	84 65	78 55	79 57	72 45	67 35	67 43	76 44	77 50	80 57	70 59	79 63	80 69	72.1 50.5	
WHATLEY	MAX MIN	68 37	75 34	70 51	72 52	70 48	60 46	64 34	72 29	71 31	76 48	77 52	77 53	79 38	85 39	87 46	84 48	86 48	85 48	84 50	85 50	85 45	80 32	72 39	71 39	82 38	84 41	81	81 58	79 72	71	77.0 42.9	
GULF	08																																
BAY MINETTE	MAX MIN	68 34	69 37	68 35	71 54	63 49	53 47	63 37	70 36	71 37	62 51	69 49	73 49	79 45	84 46	79 57	82 65	75 55	83 49	83 62	75 58	80 54	71 47	70 40	65 49	75 45	77 43	76 62	73 47	79 63	81 69	75 59	73.0 49.4
COOEN	MAX MIN	64 31	66 38	70 57	71 55	62 51	53 48	64 40	65 32	68 35	73 55	71 62	69 52	71 45	76 40	72 57	81 60	71 54	77 62	78 68	77 60	78 64	72 50	70 36	62 42	72 50	71 52	76 63	70 60	76 64	79 67	73 58	70.9 51.9
ORAPUIN ISLAND 2	MAX MIN	58 38	63 50	64 54	67 57	62 55	58 52	54 48	59 38	63 40	65 55	69 62	67 63	69 55	68 55	70 60	71 64	78 63	83 65	76 62	74 63	71 65	74 55	61 42	65 44	67 52	68 57	70 65	72 67	71 61	74 68	78 67	67.6 56.2
FAIRHOPE 2 NE	MAX MIN	60 34	65 35	68 40	70 56	70 51	55 47	53 41	64 37	69 38	69 42	68 57	74 59	62 47	74 45	79 46	77 63	81 50	74 52	78 67	80 61	77 63	79 52	61 41	70 43	65 49	74 50	72 54	71 59	75 60	79 70		70.4 50.3
MOBILE WSO AP	MAX MIN	65 35	65 40	67 55	69 53	56 48	50 47	61 40	66 35	68 37	67 54	69 60	70 52	76 47	79 46	75 59	80 60	74 55	83 70	82 70	77 61	81 64	71 51	70 40	66 48	74 51	75 54	76 65	73 61	80 72	82 71	74 58	71.6 53.5
ROBERTSOALE	MAX MIN	62 34	67 35	69 40	70 57	73 52	57 49	55 42	66 35	69 35	70 36	65 56	71 62	73 46	79 45	82 45	78 62	85 56	75 55	79 68	81 61	77 61	80 53	64 36	72 37	65 49	74 49	74 56	76 64	77 61	79 71	80 65	72.4 50.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
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STATION	DEPTH (IN)	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	2	MAX	60	61	64	63	64	53	52	62	67	64	58	63	64	71	75	71	78	71	74	72	73	56	65	69	70	75	77	78	64	68	74	67.0
		MIN	39	43	44	49	53	52	45	42	42	45	54	58	52	52	52	57	54	53	61	61	56	51	44	44	48	52	60	61	64	68	52.2	
	4	MAX	56	55	63	61	63	56	53	60	63	63	57	62	63	68	72	68	76	69	73	70	72	58	64	66	67	72	74	75	65	68	72	65.3
MIN		44	47	46	51	56	53	49	46	45	48	54	57	55	55	54	58	58	57	63	63	58	55	58	48	51	54	61	63	63	65	68	72	54.9
HEADLAND	8	MAX	52	54	56	56	69	54	52	56	57	56	55	60	58	62	64	64	68	64	66	64	67	59	59	60	61	65	66	66	63	65	68	60.8
		MIN	45	46	45	50	54	51	49	47	46	47	52	55	55	54	54	57	58	57	61	61	59	54	50	49	51	54	58	60	61	63	65	53.8
	4	MAX	57	60	62	60	64	60	58	60	65	64	60	64	67	71	75	72	78	73	75	80	80	73	66	68	70	75	77	78	78	71	75	68.9
MIN		42	43	45	50	58	55	52	47	47	47	53	58	58	56	53	65	60	59	60	63	65	61	51	50	53	55	55	64	61	69	67	55.5	
MARION JCT 2NE	4	MAX	56	57	56	56	62	55	53	58	60	67	56	61	62	65	68	67	68	63	68	65	68	61	63	62	62	67	68	67	63	68	71	62.7
MIN		46	44	46	49	55	53	49	47	47	48	53	55	54	53	53	51	57	56	61	60	59	56	51	49	52	55	57	60	62	63	67	53.8	
PITTSVIEW	4	MAX	60	60	61	59	62	58	55	61	63	62	57	63	65	69	71	69	75	65	71	74	74	63	66	-	63	-	75	71	65	71	71	65.5
MIN		43	43	44	52	57	53	52	46	46	48	52	57	57	57	54	53	55	56	56	63	65	62	59	50	50	50	-	56	61	60	63	69	54.4
THORSTBY EXP STATION	4	MAX	57	59	56	62	55	52	58	62	60	56	60	63	62	61	66	67	65	67	66	65	65	65	63	65	77	67	67	66	64	70	71	63.2
		MIN	45	46	50	55	52	44	46	46	48	52	56	56	56	54	52	56	59	54	60	60	60	57	51	40	52	55	56	60	62	64	62	53.9
WINFIELD 2 SW	4	MAX	59	58	58	52	65	60	52	61	64	60	57	61	65	64	69	70	74	66	72	71	69	55	65	68	71	75	75	71	69	65	77	65.1
		MIN	40	39	41	49	45	45	40	40	40	43	50	54	50	49	48	55	54	63	57	54	54	46	44	46	46	53	52	60	55	55	56	49.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
MARCH 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.16	.12	.25	-	.12	.08	.15	.12	.16	.16	.14	-	.23	.13	.13	.29	.15	.34	.18	.15	.14	.20	.16	.19	.16	.17	.23	.33	.18	.15	.28	5.618
		WIND	86	66	163	137	53	73	74	26	43	104	174	165	99	28	29	125	76	204	96	65	95	188	51	68	27	34	108	214	64	92	87	2914
		MAX	53	61	55	67	64	57	62	70	67	66	63	65	70	79	78	76	64	73	66	74	70	64	70	72	81	76	75	69	71	85	78	69.3
		MIN	38	38	46	48	42	45	37	39	43	47	54	60	53	47	52	52	44	56	47	46	49	39	37	42	46	48	55	58	51	60	49	47.4
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	-	-	-	-	-	-	-	.15	.11	.09	-	-	-	.18	.13	.24	.16	.27	.19	.16	.04	.17	.14	.14	.18	.18	.30	.23	.15	.27	-	
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	-	-	.10	.39	.10	.02	.04	.19	.15	.13	.00	.06	.07	.20	.20	.07	-	.18	.20	.11	.25	.03	.21	.18	.16	.24	.18	.26	.17	.06	-	4.548
		WIND	86	46	65	141	50	51	62	62	18	52	83	101	60	42	21	44	68	84	92	56	43	84	80	41	31	32	39	103	95	98	62	1992
		MAX	63	58	67	63	67	59	51	63	70	67	59	65	65	73	79	74	81	71	77	72	75	54	64	69	72	77	82	78	65	70	74	68.5
		MIN	35	38	38	46	59	46	41	38	39	43	52	57	49	49	51	55	46	46	57	57	50	45	38	38	44	49	55	55	56	65	66	48.5
MARTIN DAM		EVAP	.08	.10	.41	-	-	.16	.05	.08	.22	.02	.01	-	.13	.14	.05	.15	.21	.13	.14	.06	.10	.26	.19	.21	.18	.26	.04	-	-	-	.39	4.678
		WIND	15	14	76	6	2	6	2	48	19	2	18	13	13	21	21	35	46	37	24	19	11	71	20	18	24	80	2	11	14	126	11	825
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	-	.16	-	-	.17	-	.04	.15	.14	.11	.00	.41	-	.09	.29	.07	.25	.06	.15	.16	.18	.10	.14	.19	.24	.18	.22	.16	.12	-	.09	4.808
		WIND	45	71	95	151	47	67	81	61	25	44	87	114	44	50	23	37	65	95	81	73	50	92	106	22	22	24	57	117	66	45	52	2009
		MAX	62	66	64	59	69	50	48	65	70	64	65	67	62	72	81	75	73	67	78	64	77	55	56	71	66	74	76	68	67	75	78	67.2
		MIN	36	36	39	46	48	45	38	36	36	41	52	60	44	49	54	58	52	50	60	55	53	45	40	36	48	50	52	53	58	62	59	49.1
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.15	.55	.15	.12	-	.02	.04	.17	.15	.07	.04	.03	.48	.14	.15	.05	.17	.08	.17	.19	.18	.10	.21	.18	.04	.16	.10	.15	.02	.09	-	4.448
		WIND	31	34	33	77	35	44	51	39	19	24	31	57	19	14	8	14	17	41	73	67	13	76	44	18	3	14	40	34	37	60	-	11038
		MAX	62	70	72	70	75	57	55	68	71	69	68	70	62	79	84	76	86	74	87	88	82	80	68	75	63	81	81	82	70	84	-	73.6
		MIN	38	44	43	55	54	49	44	43	43	44	56	62	51	51	51	63	60	54	66	67	62	54	42	42	50	51	50	56	66	69	-	52.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A8BEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLSON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HARDY JR
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	5P	5P		H	ALA. COMMUNITY NETWORK
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 07	88 08	140	7A	7A		H	INACTIVE 1/19/77
ANADUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTAGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
8AY MINETTE	0583	08	BALWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
8EATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
8ELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
8ERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
8E5SEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRTMT PLT
8ILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
8IRMINGHAM W50 AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
8OAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
8RANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
8REWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
8RIOGEPORT	1099	02	JACKSON	12	34 57	85 43	615	8A	8A		H	JAMES R JOHNSON
8ROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
8RUNDIOCE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
8ALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
8AMOEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CAMP HILL 2 NW	1324	05	TALLAPOOSA	11	32 50	85 39	680	7A	7A		H	AUBURN UNIVERSITY
CARSON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	ODN R. WATSON
CENTREVILLE W5MO	1525	03	8188	3	32 54	87 15	456	7A	7A		H	WEA SERV MET 085
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLAPOOSA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	COLBERT STEAM PLANT
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARO
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
ORAOEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
ORAOEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
ORAPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	ORAPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			WILLIAM H EVANS
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 10	87 24	800	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		C H	MRS CLOYE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBINSON
FAIRHOPE 2 NE	2813	08	BALWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	5P	5P		H	HENRY G. RICHARDS
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J BEARO
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMPTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS

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## STATION INDEX

ALABAMA  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 49	86 38	445	7A	7A		C H	INACTIVE 12/31/76
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-76S
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	OODIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 36	180	7A	7A		H	INACTIVE 2/28/77
HEALAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CLENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	M10	M10	M10C	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MAGELLA	4996	02	JEFFERSON	3	33 30	86 51	654		7A			CLOSED 1/31/77
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 03	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	R 5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FRA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	H. WAYNE MC FARLEN
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EODINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWW
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	M10		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION

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## STATION INDEX

ALABAMA  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. DILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			MRS ELIZA J. BEARDEN
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		7A			INACTIVE 4/25/76
WHITLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW CLOSED STATIONS	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MODRE, JR.
MAGELLA	4996	02	JEFFERSON	3	33 30	86 51	654		7A			CLOSED 1/31/77

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- ☐ Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

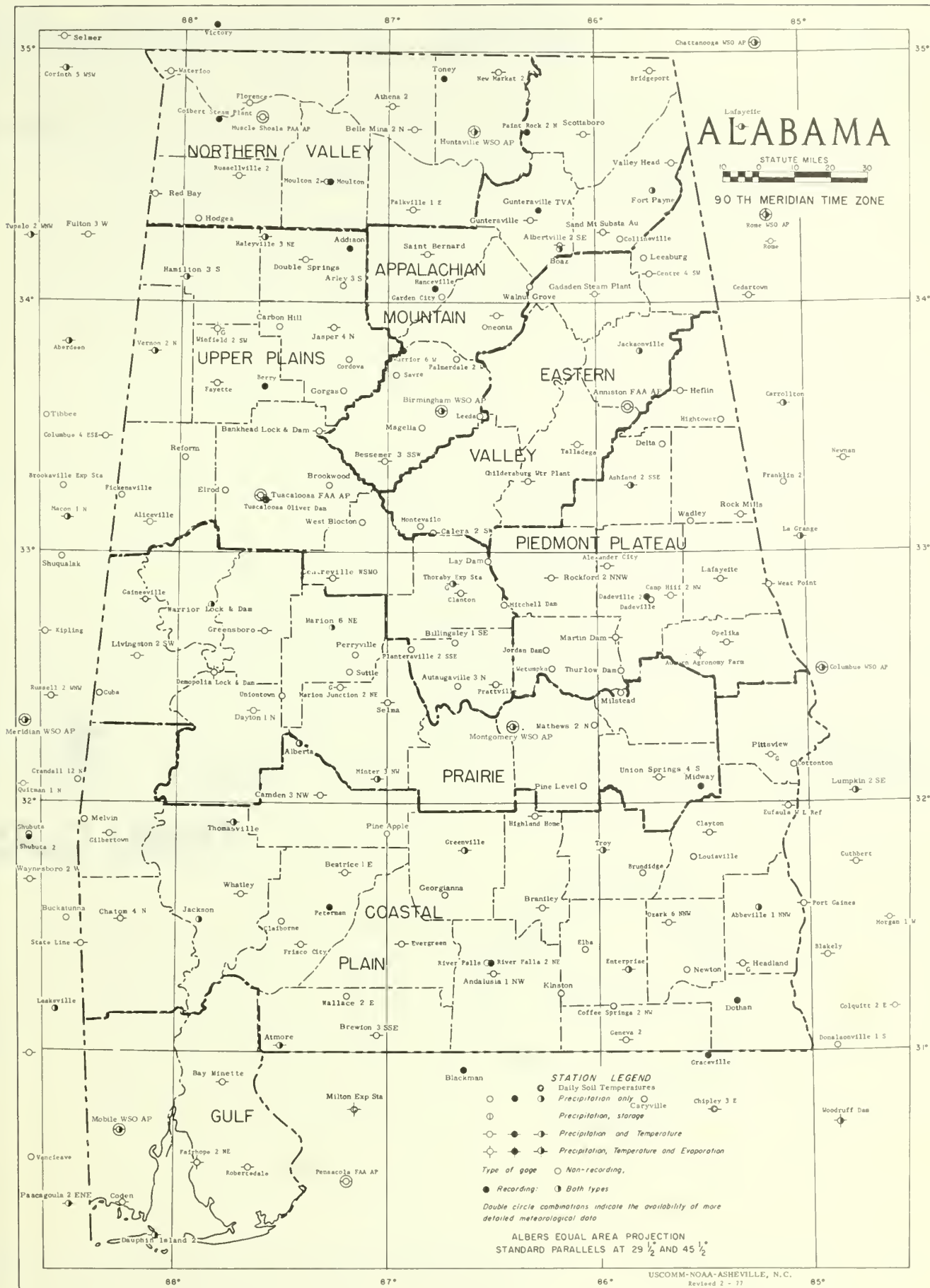
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- ☐ Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ☐ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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**THIRD CLASS**



# Climatological Data



## ALABAMA

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	ANNISTON FAA AP	92	DATE 16
LOWEST TEMPERATURE:	VALLEY HEAD	21	DATE 06
GREATEST TOTAL PRECIPITATION:	ATHENS 2	9.90	
LEAST TOTAL PRECIPITATION:	EUFULA WILDLIFE REF	.86	
GREATEST 1 DAY PRECIPITATION:	WALLACE 2 E	4.30	DATE 23

### SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION										PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL						
							CENTRAL																
							00	06	12	18													
BIRMINGHAM WSO AP	20	1.7	6.7	49	W	04	79	85	50	50	2	1	3	1	2	1	10	61	5.1				
HUNTSVILLE WSO AP	21	1.9	7.6	32++	27	05	76	83	49	52	0	4	2	1	4	0	11	-	5.0				
MOBILE WSO AP	16	3.0	8.8	23++	18	04	83	89	50	55	2	2	2	0	1	0	7	-	4.3				
MONTGOMERY WSO AP	23	2.2	6.3	35	SW	04	80	87	47	52	2	2	2	1	0	0	7	73	3.9				



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
APRIL 1977

STATION	TEMPERATURE											PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX. OF								TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE				
										32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	75.5	50.3	62.9		86	18	30	6	115	0	0	1	0	9.90		3.40	5	.0	0		7	6	5				
BELLE MINA 2 N	75.3	50.5	62.9		87	17	32	7	121	0	0	1	0	6.93		1.84	5	.0	0		6	5	3				
FAKVILLE 1 E	75.6	49.9	62.8		87	18	30	6	118	0	0	1	0	7.42		3.47	3	.0	0		6	5	2				
FLORENCE	79.1	53.0	66.1		90	16	34	6	165	1	0	0	0	6.43		3.92	4	.0	0		5	4	1				
HUNTSVILLE WSO AP	75.6	51.6	63.6	1.9	87	17	34	6	105	0	0	0	0	6.68	1.89	1.52	4	.0	0		7	5	4				
MOULTON 2	77.4	52.6	65.0		88	17	32	6	77	0	0	1	0	7.25		2.98	4	.0	0		5	5	3				
MUSCLE SHOALS FAA AP	76.2	52.8	64.5	2.4	86	17	36	6	86	0	0	0	0	5.98	1.55	2.11	3	.0	0		7	4	2				
NEW MARKET 2	79.7	53.1	66.4		90	16	34	6	162	1	0	0	0	7.23		4.00	4	.0	0		3	3	3				
RUSSELLVILLE 2	75.9	47.4	61.7		87	18	28	6	127	0	0	1	0	5.96		2.10	4	.0	0		6	4	2				
WATERLOO																											
DIVISION			64.0	2.3										7.09	2.31			.0									
APPALACHIAN MOUNTAINS 02																											
ALBERTVILLE 2 SE																											
BESSEMER 3 WSW	80.1	49.0	64.6		90	19	31	6	88	1	0	1	0	7.27	1.81	2.00	4	.0	0		7	5	4				
BIRMINGHAM WSO AP	78.2	52.1	65.2	2.0	89	16	35	6	73	0	0	0	0	6.73	2.11	2.95	4	.0	0		7	4	3				
GUNTERSVILLE	78.6	51.1	64.9		87	17	33	6	79	0	0	0	0	6.91		2.60	3	.0	0		6	3	3				
ONEONTA	75.6	49.0	62.3	.7	86	12	34	6	118	0	0	0	0	8.56	3.32	4.25	5	.0	0		7	5	3				
SAINT BERNARD	77.4	49.5	63.5	2.5	88	17	32	6	99	0	0	1	0	6.70	1.64	2.45	4	.0	0		7	5	2				
SAND MT SUBSTA AU	74.4	50.7	62.6		85	18	32	6	117	0	0	1	0	6.03		2.40	5	.0	0		7	3	2				
SCOTTSBORO	76.7	47.6	62.2	1.3	88	17	29	6	126	0	0	1	0	7.75	2.81	2.75	5	.0	0		6	3	3				
VALLEY HEAD	74.8	45.4	60.1	1.0	86	15	21	6	165	0	0	3	0	6.00	.90	2.12	3	.0	0		8	2	2				
DIVISION			63.2	1.7										6.99	2.01			.0									
UPPER PLAINS 03																											
ALICEVILLE	79.1	51.2	65.2		86	17			54	0	0																
BANKHEAD LOCK AND DAM	78.7	51.8	65.3		89	9	35	6	71	0	0	0	0	7.54	2.53	3.60	5	.0	0		6	3	3				
CENTREVILLE WSO	78.7	51.2	65.0		87	17	38	6	73	0	0	0	0	4.69		1.71	5	.0	0		7	3	2				
CLANTON	78.7	50.0	64.4	1.1	88	18	35	6	72	0	0	0	0	2.55	- 3.20	1.10	23	.0	0		5	2	1				
DOUBLE SPRINGS	76.4	48.3	62.4		88	17	28	6	123	0	0	1	0	6.48		2.20	3	.0	0		7	5	3				
FAYETTE																											
HALEYVILLE 3 NE	76.7	51.0	63.9	2.7	86	17	30	6	85	0	0	1	0	6.61	1.02	2.50	4	.0	0		5	4	2				
HAMILTON 3 S	77.6	46.1	61.9		89	17	28	6	118	0	0	1	0	5.36		1.51	4	.0	0		6	4	3				
JASPER 4 N	75.9	47.5	61.7		85	17	30	6	124	0	0	1	0	6.22		2.49	5	.0	0		6	4	3				
PRATTVILLE																											
THORNSBY EXP STATION	78.5	53.3	65.9		88	16	37	6	51	0	0	0	0	2.50		.88	5	.0	0		6	1	0				
TUSCALOOSA FAA AP	77.0	51.5	64.3		88	16	36	6	75	0	0	0	0	6.67	1.93	2.58	4	.0	0		6	5	3				
TUSCALOOSA OLIVER DAM	77.9	51.2	64.6	.1	87	17	38	6	76	0	0	1	0	5.75	.94	2.11	5	.0	0		5	4	3				
VERNON 2 N	77.6	48.2	62.9		89	17	30	6	97	0	0	1	0	7.54		2.01	3	.0	0		7	4	3				
WINFIELD 2 SW	76.6	45.5	61.1		86	17	28	6	134	0	0	2	0	6.14	1.07	2.14	3	.0	0		6	4	3				
DIVISION			63.7	.4										5.67	.47			.0									
EASTERN VALLEY 04																											
ANNISTON FAA AP	79.4	52.0	65.7		92	16	38	27	74	1	0	0	0	4.94		2.23	4	.0	0		5	3	3				
CALERA 2 SW	80.0	50.2	65.1		87	16	32	6	48	0	0	1	0	4.64	.88	2.02	22	.0	0		5	3	2				
CENTRE 4 SW	76.3	50.8	63.6		88	17	36	6	98	0	0	0	0	7.15		2.18	5	.0	0		5	8	4				
CHILDERSBURG WTR PLANT	80.7	51.4	66.1		88	17	36	6	54	0	0	0	0	4.12	.92	1.53	3	.0	0		6	3	2				
GAOSEN STEAM PLANT	76.4	50.6	63.5	1.5	88	18	37	7	101	0	0	0	0	7.28	2.02	4.07	5	.0	0		5	4	3				
TALLADEGA	79.2	48.4	63.8	.6	89	14	33	6	72	0	0	0	0			2.00	3	.0	0		4	3	2				
DIVISION			64.6	2.1										5.67	.55			.0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	79.7	50.6	65.2		89	18	33	6	67	0	0	0	0	2.65	- 3.05	1.14	5	.0	0		5	3	1				
ASHLAND 2 SSE	75.4	49.2	62.3		85	18	34	7	110	0	0	0	0	3.07		1.00	5	.0	0		5	4	1				
AUBURN AGRONOMY FARM	78.5	53.4	66.0		87	18	36	6	67	0	0	0	0	1.44		.80	5	.0	0		4	1	0				
MEFLIN	77.5	46.8	62.2		89	17	31	7	113	0	0	2	0	4.45		1.75	4	.0	0		6	3	2				
LAFAYETTE	81.0	51.8	66.4		89	17	33	6	56	0	0	0	0	2.47		.90	23	.0	0		5	2	0				
MARTIN DAM	79.1	50.7	64.9		87	17	38	6	69	0	0	0	0	2.86	- 2.18	1.30	22	.0	0		4	2	2				
OPELIKA	78.6	48.1	63.4		88	18	31	27	100	0	0	2	0	1.21		.64	5	.0	0		4	1	0				
ROCKFORD 2 NNW	78.6	51.6	65.1		88	17	35	6	68	0	0	0	0	2.73		1.12	5	.0	0		7	2	1				
ROCK MILLS	79.7	48.1	63.9	1.5	89	18	34	27	84	0	0	0	0	2.66	- 2.47	.87	23	.0	0		7	1	0				
DIVISION			64.4	1.3										2.62	- 2.76			.0									
PRAIRIE 06																											
DAYTON 1 N	79.3	53.6	66.5		86	20	37	6	45	0	0	0	0	3.90	- 1.34	1.74	23	.0	0		3	3	3				
DEMOPOLIS LOCK AND DAM	78.3	52.1	65.2		87	21	38	7	53	0	0	0	0	4.08	- 1.12	1.57	5	.0	0		5	4	1				
GRAINESVILLE	78.0	53.2	65.6		87	17	38	6	56	0	0	0	0	5.80		1.70	5	.0	0		6	5	2				
GREENSBORO	79.8	52.1	66.0	.5	88	17	36	6	53	0	0	0	0	4.85	.58	1.54	4	.0	0		5	3	3				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
APRIL 1977

STATION		TEMPERATURE											PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	DATE	SNOW, SLEET			NO. OF DAYS			
									MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	10.00 OR MORE	
									90° OR ABOVE	82° OR ABOVE	32° OR BELOW	0° OR BELOW											
HAYNEVILLE		80.4	57.2M	68.8M		88 18	44 6	51	0	0	0	0	4.63	- .57	1.71	1	.0	0		6	3	2	
LIVINGSTON 2 SW		80.2M	48.5	64.4M		87 17	34 6	55	0	0	0	0	3.08	- 2.17	1.39	23	.0	0		5	2	1	
MARION JUNCTION 2 NE		77.9	51.6	64.8		86 4	37 6	65	0	0	0	0	2.46		1.00	23	.0	0		3	3	1	
MINTER 3 NW		79.6	55.8M	67.7M		88 4		44	0	0	0	0	1.53	- 2.92	.90	22	.0	0		3	1	0	
MONTGOMERY WSO AP		79.2	54.4	66.8	1.6	88 12	38 6	53	0	0	0	0											
SELMA		82.2M	53.8	68.0M	1.3	89 16	35 9	35	0	0	0	0	2.67	- 2.45	1.10	23	.0	0		4	2	1	
UNION SPRINGS 4 S		79.0M	51.8M	65.4M	.1	88 18	35 7	59	0	0	0	0	2.35	- 2.28	1.22	24	.0	0		4	2	1	
DIVISION				66.3	.8								3.54	- 1.41			.0						
COASTAL PLAIN 07																							
ANDALUSIA 1 NW		79.4	48.1	63.8	- 3.0	90 17	33 7	88	1	0	0	0	2.29	- 3.10	1.00	23	.0	0		3	2	2	
ATMORE		80.4	55.1	67.8		87 18	39 6	34	0	0	0	0	1.48		1.17	23	.0	0		2	1	1	
BEATRICE 1 E		80.1M	56.3M	68.2M		86 17	43 6	43	0	0	0	0	3.00	- 1.98	1.99	23	.0	0		3	2	1	
BRANTLEY		81.4	49.1	65.3		89 17	33 6	68	0	0	0	0	1.47	- 3.09	.73	5	.0	0		2	2	0	
BRENTON 3 ENE		80.7	52.2	66.5		88 17	37 6	51	0	0	0	0	2.06		1.63	23	.0	0		3	1	1	
BRENTON 3 SSE		83.4	49.6	66.5	.2	90 16	34 6	40	1	0	0	0	1.86	- 3.82	1.44	23	.0	0		3	1	1	
CAMDEN 3 NW		80.6	52.4	66.5		88 20	38 6	50	0	0	0	0	2.77		1.69	23	.0	0		3	2	1	
CHATAM 4 N		81.6	54.0	67.8		89 4	39 6	31	0	0	0	0	3.00		2.05	22	.0	0		4	2	1	
CLAYTON		78.3	55.3	66.8		86 18	39 6	48	0	0	0	0	1.77	- 2.61	1.28	5	.0	0		4	1	1	
ENTERPRISE																							
EUFULA WILDLIFE REF		82.7	49.0	65.9	- .1	88 17	33 6	52	0	0	0	0	.86	- 3.58	.60	5	.0	0		2	1	0	
EVERGREEN		80.2	52.0	66.1	.6	88 21	36 6	52	0	0	0	0	4.84	- .15	3.82	23	.0	0		4	2	1	
FRISCO CITY		79.7	53.5	66.6		87 20	37 6	54	0	0	0	0	3.20	- 2.07	2.43	23	.0	0		3	1	1	
GENEVA 2		81.0	53.4	67.2		87 18	36 6	46	0	0	0	0	1.77		1.07	23	.0	0		3	1	1	
GILBERTOWN		81.1M	50.6	65.9M		88 3	34 6	40	0	0	0	0	5.29		2.60	1	.0	0		5	3	2	
HEADLAND		80.5	54.6M	67.6M		88 18	40 6	35	0	0	0	0	2.09		1.34	5	.0	0		3	2	1	
HIGHLAND HOME		79.8	52.1	66.0	.2	89 17	36 7	64	0	0	0	0	1.23	- 3.83	.47	23	.0	0		3	0	0	
OZARK 6 NNW		80.8	55.8	68.3	1.2	86 17	38 6	28	0	0	0	0	.91	- 3.92	.52	23	.0	0		2	1	0	
PITTSVIEW		80.2	47.7	64.0		88 18	31 6	98	0	0	1	0	1.19		.89	5	.0	0		2	1	0	
THOMASVILLE		80.4	52.1	66.3	.5	89 18	37 6	52	0	0	0	0	3.94	- 1.42	1.92	23	.0	0		3	2	2	
TROY		80.3	55.5	67.9	1.7	87 17	37 6	34	0	0	0	0	1.51	- 3.14	.72	5	.0	0		4	2	0	
WHATLEY		81.7	48.2	65.0		88 17	35 6	54	0	0	0	0			1.60	23	.0	0		1	1	1	
DIVISION				66.5	.1								2.33	- 2.68			.0						
GULF 08																							
BAY MINETTE		81.0	56.2	68.6	.6	87 16	37 6	25	0	0	0	0	2.80	- 2.70	2.41	22	.0	0		2	1	1	
CODEN		78.2M	56.2	67.2M		82 9	39 6	30	0	0	0	0					.0	0					
ORAUPHIN ISLAND 2		75.6	64.5	70.1		79 24	53 6	6	0	0	0	0	2.32		1.00	23	.0	0		4	2	1	
FAIRHOPE 2 NE		78.3	56.2	67.3	.5	85 18	42 6	37	0	0	0	0	1.83	- 3.38	.88	23	.0	0		4	2	0	
MOBILE WSO AP		79.0	57.3	68.2	.3	84 17	41 6	28	0	0	0	0	2.73	- 2.86	1.93	22	.0	0		3	1	1	
ROBERTSORE		79.1	55.2	67.2	- .2	85 18	40 6	36	0	0	0	0	1.68	- 3.48	.73	1	.0	0		4	2	0	
DIVISION				68.1	.2								2.27	- 2.98			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
APRIL 1977

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

ALABAMA  
APRIL 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MATHEWS 2 N	3.77	1.45		.31																.20			.56	.24	1.01							
MILSTEAD	1.63	.30	.03		.31															T			T	.56	.43							
MINTER 3 NW	2.46	.73			.73																			1.00								
MONTGOMERY WSO AP	1.53	.41	T		.19	T																	.40	.02								
PERRYVILLE	3.73	.34	.45	.17	.01	1.16				.22										.01			T	1.38	T							
PINE LEVEL	2.74	.30			.76																	.22	.04									
SELMA	2.67	.30	.40	T	.86																			.01	1.10							
SUTTLE	3.03	.41	.32		1.30																				1.00							
UNION SPRINGS 4 S	2.35	.17			.70																			.06	.20	1.22						
UNIONTOWN	3.65	.73			.20	.95																			1.67	.10						
WARRIOR LOCK AND DAM	3.73	.29	1.23	.11	.10	1.01																	.02	.08	.57	.32						
COASTAL PLAIN	07																															
ABBEVILLE 1 NW	1.56				.78																			.15	.63	T						
ALBERTA	3.68	.48			.55																				2.15							
ANDALUSIA 1 NW	2.29	.06			1.00																		.23			1.00						
ATMORE	1.46	.06			.23																			.02	1.17							
BEATRICE 1 E	3.00	.52	.04	.05	.40																				1.99							
BRANTLEY	1.47	.07			.73																				.67							
BREWTON 3 ENE	2.06	.13			.30																				1.63							
BREWTON 3 SSE	1.86	.20			.22																				1.44							
BRUNSDIDGE	1.75	.11			.81																				.04	.70						
CAMDEN 3 NW	2.77	.69		T	.33																				1.69	.06						
CHATHAM 4 N	3.00	.30			.50																				2.05							
CLAIBORNE	2.90	.55			.57																				1.78							
CLAYTON	1.77	.17			1.28																				.11	.16						
COFFEE SPRINGS 2 NW	.90				.35																				.55							
COTTONTON	1.45	.12			.96																				.06	.09	.22					
ELBA	2.32	.02			1.25																				1.05							
ENTERPRISE																																
EUFORA WILDLIFE REF	.86	.12			.60																				.08	.06						
EVERGREEN	4.84	.20			.20																				3.82							
FRISCO CITY	3.20	.42			.35																				2.43							
GENEVA 2	1.77	.07			.42																				1.07							
GEORGIANNA	2.07	.25			.16																				1.66							
GILBERTOWN	5.29	2.60	.30		.87	T																			1.40							
HEADLAND	2.09				1.34																				.15	.60						
HIGHLAND HOME	1.23	.34	.04		.24																				.05	.47	.09					
JACKSON	3.53	.39			.32																				.62	2.18						
KINSTON	2.16	.02			.50																				.50	.69						
LOUISVILLE	1.77	.12			1.09																				.09	.32	.07					
MELVIN	4.24	2.40	.05		.78																				1.01							
NEWTON																									1.10							
OZARK 6 NW	.91				.32																				.07	.52						
PINE APPLE	2.86	1.20			.34																				1.32							
PITTSVIEW	1.19	.20	T		.69																				.05	.02	.03					
RIVER FALLS	1.67	.06			.68																				.84							
THOMASVILLE	3.94	1.50	.01		.48																				.03	1.92						
TROY	1.51				.72																											
WALLACE 2 E																									.13	.53						
WATLEY																									4.30	.10						
																									1.60							
GULF	08																															
BAY MINETTE	2.80	.02			.33																					2.41						
CODEM																																
DAUPHIN ISLAND 2	2.32	.35	.01	.01	.11																				.01	.82	1.00					
FAIRHOPE 2 NE	1.83	.52			.20																				.01	.22	.88					
MOBILE WSO AP	2.73		.01	.32	T																				1.93							
ROBERTSDALE	1.68	.73			.22																					.12	.61					

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NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	68 41	69 54	76 55	68 55	67 42	55 30	62 38	79 50	79 48	77 37	82 46	84 49	82 52	85 52	85 51	86 51	86 52	86 57	85 62	83 62	81 59	69 64	68 62	72 53	69 43	64 38	65 38	75 46	80 58	77 55	75.5 50.3	
BELLE MINA 2 N	MAX MIN	68 45	67 48	76 56	68 56	69 43	50 34	61 32	79 41	77 42	77 46	83 50	84 52	84 54	85 54	84 53	87 55	86 58	85 60	84 61	81 63	71 64	67 61	75 56	69 47	64 41	64 41	74 40	80 50	76 57	75.3 50.5		
FALKVILLE 1 E	MAX MIN	67 44	67 51	78 58	69 55	70 43	50 30	62 38	80 48	76 48	78 43	84 50	85 50	85 51	85 50	85 49	87 51	87 57	84 58	83 61	81 63	70 64	70 64	74 54	70 45	64 46	65 46	75 52	80 61	74 58	75.6 49.9		
FLORENCE	MAX MIN	68 46	77 61	77 56	67 55	60 40	65 34	83 44	81 53	80 43	87 48	88 51	87 54	88 53	88 57	89 53	90 55	84 55	84 62	85 63	83 64	77 63	78 64	73 54	74 54	70 45	68 46	79 46	81 52	80 61	83 58	79.1 53.0	
HUNTSVILLE WSO AP	MAX MIN	65 46	76 60	63 55	70 50	60 38	62 34	78 40	74 48	75 44	80 46	82 50	82 53	85 54	83 54	84 55	85 54	87 54	85 58	85 63	83 62	73 66	71 65	77 57	72 56	65 44	63 40	72 41	77 47	74 58	78 56	75.6 51.6	
MOULTON 2	MAX MIN	64 46	78 60	76 56	69 56	58 42	64 32	81 47	78 56	79 42	85 46	85 50	85 52	86 54	86 54	86 55	87 54	88 54	88 58	84 62	82 61	75 64	68 65	74 57	71 55	65 44	66 40	76 41	80 47	78 58	83 56	77.4 52.6	
MUSCLE SHOALS FAR AP	MAX MIN	64 46	80 62	62 56	69 49	51 39	64 36	82 43	78 54	76 43	84 49	84 51	84 54	84 53	84 56	84 51	86 52	86 54	84 60	85 63	83 62	72 65	69 64	74 57	73 57	66 48	67 44	76 44	81 52	73 61	81 59	76.2 52.8	
NEW MARKET 2		MAX MIN																															
RED BAY	MAX MIN	70 50		63 58	69 57	60 40	66 34	84 41	83 49	83 46	86 51	86 53	88 55	87 57	87 55	89 55	90 55	87 57	83 61	85 64	84 65	77 64	71 65	77 59	75 58	74 48	69 41	77 42	81 49	81 50	82 60	79.7 53.1	
RUSSELLVILLE 2	MAX MIN	69 42	68 50	77 55	69 55	69 41	51 28	64 35	81 47	78 37	78 34	84 42	84 45	85 47	85 48	85 46	87 46	87 48	87 52	82 54	83 58	82 59	67 63	68 60	73 51	72 43	64 38	66 36	75 52	80 55	76 54	75.9 47.4	
WATERLOO		MAX MIN																															
APPALACHIAN MOUNTAINS 02																																	
ALBERTVILLE 2 SE	MAX MIN																																
BESSEMER 3 WSW	MAX MIN	75 45	77 53	72 55	75 57	60 38	68 31	83 41	84 38	80 36	83 52	87 53	89 48	89 52	88 54	87 53	87 57	87 54	90 59	84 58	81 62	74 63	77 49	69 48	65 36	77 38	77 37	81 50	83 51	85 48	80.1 49.0		
BIRMINGHAM WSO AP	MAX MIN	63 53	82 62	70 62	74 59	59 40	67 35	82 40	82 49	80 42	83 46	84 50	86 51	86 53	86 52	86 50	89 49	87 53	84 58	84 62	83 60	75 68	70 67	78 55	72 55	68 44	67 40	75 41	81 46	80 61	84 59	78.2 52.1	
GUNTERSVILLE	MAX MIN	82 48	77 59	80 60	75 57	71 36	60 33	75 39	80 51	81 50	80 42	84 41	84 51	85 53	84 52	86 55	85 51	87 53	86 51	84 60	83 59	83 66	73 64	76 61	65 55	71 44	64 37	74 41	77 47	81 59	82 57	78.6 51.1	
ONEONTA	MAX MIN	70 48	66 52	80 60	69 56	72 42	53 34	65 35	80 39	80 40	78 41	82 42	86 49	85 52	84 50	84 49	80 49	80 50	78 59	83 56	83 57	82 64	74 64	70 54	78 54	70 48	65 48	66 39	75 42	80 45	70 56	75.6 49.0	
SAINT BERNARD	MAX MIN	70 47	66 51	81 61	69 57	70 43	53 32	65 39	82 47	83 46	80 49	85 47	84 48	86 49	86 51	87 50	86 49	88 55	87 55	86 60	85 58	82 54	71 64	78 62	75 53	70 48	65 48	67 39	76 38	81 43	78 55	77.4 49.5	
SAND MT SUBSTA AU	MAX MIN	68 49	67 46	78 57	67 56	71 42	50 32	60 36	78 51	77 44	75 47	81 49	83 52	83 53	83 52	83 53	85 51	85 52	85 58	83 60	80 58	79 63	73 61	68 55	65 46	62 39	51 41	72 44	76 44	75 56	74.4 50.7		
SCOTTSBORO	MAX MIN	71 42	66 48	79 56	69 57	72 43	50 29	62 33	79 45	81 39	83 39	85 47	86 49	86 47	85 49	85 50	87 49	88 50	87 55	85 57	83 53	80 61	73 70	70 80	63 45	68 38	65 35	74 40	81 49	82 57	76.7 47.6		
VALLEY HEAD	MAX MIN	69 41	66 42	77 54	68 55	71 42	50 21	60 30	77 40	78 33	76 38	82 42	86 45	84 47	84 45	86 45	85 47	85 47	85 51	83 59	80 53	79 62	74 62	69 61	76 53	68 44	62 32	62 34	72 37	77 46	74 54	74.8 45.4	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN							69 42	82 47	83 48	82 45	84 48	84 50	84 52	85 49	84 50	86 51	86 52	85 58	80 58	84 63	79 63	70 64	71 60	75 53	71 50	67 41	67 40	76 42	82 51	82 55	79.1 51.2	
BANKHEAD LOCK AND DAM	MAX MIN	77 55	71 55	81 65	71 59	74 45	55 35	72 39	82 40	89 47	83 48	66 48	87 51	86 51	87 52	87 51	87 54	88 58	87 55	85 65	83 66	74 65	70 63	71 54	77 52	74 43	68 44	59 45	78 47	80 39	82 57	78.7 51.8	
CENTREVILLE WSMO	MAX MIN	76 55	67 54	83 59	77 59	78 46	58 38	67 39	81 42	84 53	81 48	83 49	84 50	85 54	87 52	85 52	84 52	87 53	85 54	81 60	85 60	86 58				77 53	71 42	69 42	69 43	75 48	80 43	83 54	78.7 51.2
CLANTON	MAX MIN	76 52	67 53	83 62	77 63	78 47	57 35	67 38	80 43	84 53	82 43	82 45	84 47	86 50	86 47	85 45	85 50	88 50	88 55	85 57	83 57	80 61	76 64	71 63	79 54	73 50	71 39	70 42	76 42	80 50	82 55	78.7 50.0	
DOUBLE SPRINGS	MAX MIN	84 46	71 48	77 56	67 53	70 40	51 28	64 33	81 45	82 42	80 44	85 48	86 50	85 52	86 50	85 50	88 50	87 52	83 58	80 59	87 60	67 60	76 59	62 50	68 45	62 38	65 37	74 39	78 47	79 54	76.4 48.3		
FAYETTE		MAX MIN																															
HALEYVILLE 3 NE	MAX MIN	65 48	77 56	76 55	68 53	58 39	64 30	80 42	77 50	79 43	83 52	83 52	83 53	83 54	84 53	85 52	86 55	81 59	82 58	80 59	75 60	67 62	75 51	72 51	72 46	66 38	78 40	79 47	78 51	81 55	76.7 51.0		
HAMILTON 3 S	MAX MIN	72 44	69 51	79 60	70 56	70 42	54 28	65 35	82 38	83 41	85 43	86 43	87 45	87 48	87 45	89 45	87 48	81 53	86 59	83 59	71 61	68 58	75 50	73 45	66 35	68 34	76 34	81 41	79 56	77.6 46.1			
JASPER 4 N	MAX MIN	73 47	69 51	79 59	68 58	70 42	56 30	68 34	82 39	80 40	79 42	82 45	83 47	84 50	84 49	84 47	85 49	85 50	83 50	83 52	81 61	70 63	68 52	74 52	70 46	68 38	66 35	73 41	69 41	80 55	75.9 47.5		
PRATTVILLE	MAX MIN	72 54		82 43	77 59	65 40	74 36		81 41	80 36		82 41						84 54			87 65					66 54	63 43	60 43	75 47	72 52	78 45		
THORSBY EXP STATION	MAX MIN	71 52	79 58	767																													

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VERNON 2 N	MAX MIN	74 49	70 55	81 58	70 57	70 45	56 30	67 37	84 43	83 42	81 41	84 44	85 45	86 49	83 47	86 45	86 51	89 47	86 47	81 57	85 59	82 62	68 64	71 58	74 50	72 47	67 38	69 35	76 38	80 53	82 53	77.6 48.2	
WINFIELD 2 SW	MAX MIN	72 48	69 50	80 59	69 54	70 41	54 28	66 31	81 41	83 38	80 39	85 42	85 44	84 46	85 45	85 43	85 44	86 46	85 46	80 55	82 57	81 59	69 60	69 56	74 49	72 44	67 34	68 33	73 33	79 41	79 55	76.6 45.5	
EASTERN VALLEY	04																																
ANNISTON FAR AP	MAX MIN	65 51	84 61	74 60	80 58	58 41	66 38	81 40	82 53	79 44	85 45	87 49	87 51	87 53	87 52	87 51	92 51	89 53	86 58	83 62	81 59	80 66	75 65	82 61	71 54	67 46	65 38	77 38	82 44	81 57	81 61	79.4 52.0	
CALERA 2 SW	MAX MIN	72 54	82 61	80 60	79 66	75 48	67 32	82 36	84 47	81 41	84 41	84 45	85 47	87 50	87 46	85 45	87 44	84 49	85 49	82 65	78 69	77 58	75 54	78 57	74 53	78 50	74 45	79 43	80 45	79 55	80.0 50.2		
CENTRE 4 SW	MAX MIN	70 44	71 60	81 59	63 59	75 44	53 36	63 37	79 48	81 43	74 44	82 44	84 49	85 52	84 50	85 50	85 49	88 52	87 55	85 60	80 56	79 63	76 64	70 63	78 57	70 52	65 40	66 41	73 43	80 53	77 58	76.3 50.8	
CHILDOERSBURG WTR PLANT	MAX MIN	76 52	85 61	84 60	81 62	76 47	67 36	81 39	84 51	83 43	83 43	85 47	85 49	86 52	86 49	86 48	88 52	88 51	85 47	82 59	81 63	77 63	80 60	74 54	71 48	68 39	76 38	81 42	82 59	83 61	80.7 51.4		
GAUSSOEN STEAM PLANT	MAX MIN	70 49	64 52	80 58	70 57	73 46	52 37	63 37	80 42	79 42	77 45	86 48	84 50	86 53	83 51	84 53	85 52	88 54	88 57	84 59	82 57	81 60	77 63	71 62	77 55	71 50	64 41	64 41	74 42	80 47	76 59	76.4 50.6	
TALLADEGA	MAX MIN	79 49	81 50	81 57	79 57	82 45	65 33	78 36	81 49	84 48	83 39	84 54	88 45	89 45	89 46	86 52	87 49	88 47	84 55	84 59	76 60	73 59	73 59	70 59	69 59	69 36	79 37	75 44	82 42	75 42	82 42	79.2 48.4	
PIEDMONT PLATEAU	05																																
ALEXANDER CITY	MAX MIN	77 53	68 54	82 63	78 61	79 48	60 33	68 38	82 44	83 44	82 42	83 46	85 50	88 52	86 50	85 48	86 47	88 52	89 56	85 60	84 55	81 63	79 64	74 62	82 53	73 50	72 40	70 39	78 43	82 50	83 57	79.7 50.6	
ASHLAND 2 SSE	MAX MIN	73 51	61 46	80 59	70 57	77 54	54 40	62 34	77 36	79 51	76 46	79 43	82 47	84 49	82 51	83 48	82 49	85 50	85 52	82 56	81 58	78 63	77 61	70 62	78 58	68 53	65 46	64 36	72 36	78 42	79 42	79 55	75.4 49.2
AUBURN AGRONOMY FARM	MAX MIN	78 53	69 54	84 66	84 69	82 50	58 36	64 40	76 57	83 53	78 46	80 49	82 52	84 53	83 51	84 53	86 51	87 59	87 59	82 61	84 59	80 64	80 63	73 63	80 55	72 48	70 41	67 40	75 45	80 54	83 60	78.5 53.4	
HEFLIN	MAX MIN	74 46	65 48	79 64	70 58	77 46	65 32	64 31	79 42	79 42	77 41	80 41	84 41	87 43	86 44	85 44	87 43	89 52	88 50	85 54	82 50	80 54	75 60	73 61	78 52	70 46	75 34	64 33	72 37	80 54	77 55	77.5 46.8	
LAFAYETTE	MAX MIN	70 51	83 58	78 63	82 64	77 48	67 33	79 40	84 51	79 46	84 44	86 52	87 54	87 52	88 49	88 52	89 59	89 56	87 60	82 55	81 64	81 63	75 68	82 74	74 61	69 49	76 39	81 46	83 46	85 63	81.0 51.8		
MARTIN DAM	MAX MIN	72 54	82 64	85 67	82 64	59 38	69 38	78 50	83 51	78 42	80 46	82 48	84 50	84 46	85 46	85 45	85 45	87 50	85 55	80 64	82 63	82 63	73 63	80 57	72 50	69 49	68 39	75 40	80 53	82 56	83 55	79.1 50.7	
OPELIKA	MAX MIN	79 54	68 53	82 64	86 64	84 50	59 32	66 35	78 34	85 52	80 45	78 42	82 46	84 49	84 48	84 45	87 41	88 45	88 53	82 55	80 55	78 50	78 64	73 62	81 57	73 47	71 38	64 31	76 37	80 42	82 54	78.6 48.1	
ROCKFORD 2 NNW	MAX MIN	78 52	67 62	82 64	77 60	78 47	59 35	67 42	80 52	84 48	82 45	83 51	84 51	87 53	85 50	85 50	85 50	88 54	87 57	84 56	80 63	80 72	79 60	71 61	72 54	72 47	69 38	68 38	75 45	79 54	81 58	78.6 51.6	
ROCK MILLS	MAX MIN	80 50	66 53	82 59	74 58	82 49	59 36	67 35	86 47	84 43	79 39	82 42	85 45	87 46	85 43	86 44	87 44	88 48	89 53	86 55	84 51	87 64	79 63	70 62	81 55	74 47	70 36	69 34	78 36	82 47	82 59	79.7 48.1	
PRAIRIE	06																																
DAYTON 1 N	MAX MIN	73 54	73 58	83 60	86 63	80 49	62 37	71 42	82 55	83 54	81 59	82 48	82 52	83 53	84 50	85 50	86 55	86 53	82 59	86 57	86 61	78 54	75 64	70 61	81 51	72 52	70 41	71 41	79 51	82 57	84 56	79.3 53.6	
DEMOPOLIS LOCK AND DAM	MAX MIN	72 53	69 54	84 57	82 57	77 48	59 40	68 38	81 44	83 53	80 51	82 50	82 52	83 55	84 54	83 53	83 53	86 55	87 55	79 58	85 58	87 61	73 64	70 61	80 54	70 52	68 43	69 43	77 42	81 50	84 55	78.3 52.1	
GAINESSVILLE	MAX MIN	73 54	69 55	84 59	73 60	74 47	60 38	69 39	83 54	85 50	82 55	84 52	83 53	84 55	86 52	84 51	84 54	87 55	85 59	79 58	85 61	78 62	70 64	70 60	77 54	70 54	69 44	71 43	82 48	84 52	79.0 53.2		
GREENSBORO	MAX MIN	67 54	84 64	77 58	77 58	60 41	69 36	84 43	85 46	84 49	84 50	84 50	87 53	88 53	86 50	87 48	88 53	88 53	81 60	87 63	80 63	73 65	70 62	79 53	73 53	70 51	72 39	77 46	82 46	84 55	87 56	79.8 52.1	
HAYNEVILLE	MAX MIN	83 69	80 54	87 74	83 54	82 45	64 44	69 45	82 45	85 45	81 41	81 61	83 61	83 62	83 57	83 57	88 60	87 65	88 66	83 65	83 65	79 66	80 69	75 65	74 47	72 47	70 45	82 46	88 48	85 59	82 60	80.4 57.2	
LIVINGSTON 2 SW	MAX MIN	71 52	84 59	80 63	78 60	45 34	72 38	81 38	84 45	85 37	81 43	83 45	83 43	86 41	86 47	84 45	84 51	87 51	85 56	84 52	82 49	77 55	71 60	72 62	80 51	71 51	72 42	77 42	81 42	85 48	80 55	80.2 48.5	
MARION JUNCTION 2 NE	MAX MIN	73 53	70 54	83 62	86 61	80 48	57 37	66 41	80 47	81 50	81 48	80 47	81 51	83 51	83 51	83 49	83 52	85 53	85 53	82 58	85 59	78 62	75 65	70 63	80 51	70 52	69 42	69 42	75 42	81 48	82 55	77.9 51.6	
MINTER 3 NW	MAX MIN	73 54	81 55	86 68	88 70	84 49	60 38	67 48	81 48	82 56	80 48	82 48	83 56	81 61	80 63	85 63	86 64	87 67	87 57	80 60	80 60	81 63	71 63	71 62	70 53	70 52	70 41	83 41	84 41	80 55	79.6 55.8		
MONTGOMERY WSO AP	MAX MIN	71 57	82 62	83 69	81 59	59 43	66 38	77 42	80 54	76 49	76 42	85 54	85 58	84 50	83 55	85 58	87 52	85 55	84 59	80 62	81 68	75 68	82 73	72 65	73 54	71 45	76 45	82 43	83 47	85 55	79.2 54.4		
SELMA	MAX MIN	79 55	86 62	88 71	86 70	88 51	68 38	82 44	84 53	83 35	82 45	84 50	85 51	87 55	86 52	86 51	89 54	88 54	85 55	87 57	81 61	80 64	78 65	83 64	76 55	73 45	70 45	78 45	82 46	83 46	86 57	82.2 53.8	

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BRANTLEY	MAX MIN	75 56	83 59	85 62	87 70	84 50	62 33	70 37	80 47	80 47	83 40	83 43	85 46	86 47	85 43	87 43	87 45	89 48	88 52	86 49	85 54	84 60	84 63	77 63	83 53	71 46	75 37	72 36	78 39	83 46	86 58	81.4 49.1	
BREWTON 3 ENE	MAX MIN	72 56	82 60	82 68	85 72	82 53	62 37	71 40	80 49	85 55	83 44	82 45	84 49	84 50	82 46	84 48	86 56	88 50	87 54	84 52	86 60	82 62	86 66	77 64	82 55	74 49	74 42	71 41	77 44	82 48	84 51	80.7 52.2	
BREWTON 3 SSE	MAX MIN	83 56	84 68	85 65	83 72	77 57	75 34	84 35	87 40	84 55	83 40	84 42	85 45	83 47	85 42	85 45	90 55	87 55	85 52	87 54	84 59	84 62	79 58	83 62	78 58	78 47	75 39	82 38	86 41	87 46	89 58	83.4 49.6	
CAMDEN 3 NW	MAX MIN	72 54	83 54	81 55	87 71	80 50	62 38	69 42	82 49	85 47	82 48	84 49	85 53	85 54	86 51	86 52	87 55	88 55	87 57	85 54	88 59	82 62	77 65	71 63	82 52	71 51	72 42	71 42	78 43	82 51	87 55	80.6 52.4	
CHATHAM 4 N	MAX MIN	81 53	85 69	87 69	89 60	67 48	71 39	83 45	85 55	84 54	84 50	85 48	84 52	84 54	83 49	84 50	87 56	85 49	82 52	85 57	85 62	77 63	83 60	78 53	73 53	72 43	79 43	79 43	83 51	84 57	85 53	81.6 54.0	
LAYTON	MAX MIN	76 55	78 58	83 68	85 68	83 50	60 39	65 45	77 53	82 54	77 50	78 53	81 56	81 56	81 54	82 55	85 56	85 59	86 62	83 60	83 60	80 64	80 64	77 62	80 56	70 51	71 42	68 45	73 52	79 56	81 57	78.3 55.3	
ENTERPRISE	MAX MIN																																
EUFULA WILDLIFE REF	MAX MIN	80 55	81 61	85 65	85 69	81 53	67 33	80 35	85 47	84 44	83 42	87 39	84 46	84 46	85 44	87 43	87 46	88 45	85 55	85 50	85 53	84 62	83 60	84 62	80 58	78 45	74 35	77 35	83 40	85 51	86 52	82.7 49.0	
EVERGREEN	MAX MIN	69 56	81 57	85 68	83 70	80 53	62 36	70 39	80 48	85 52	82 46	83 48	83 49	84 51	83 48	84 49	85 52	88 53	86 55	84 54	85 57	88 61	82 64	74 63	82 54	72 49	74 42	72 41	77 44	82 48	82 51	80.2 52.0	
FRISCO CITY	MAX MIN	69 55	82 58	84 70	86 71	80 49	61 37	70 44	78 52	83 57	83 52	83 49	83 52	84 54	83 50	85 52	86 55	87 54	87 59	87 55	87 61	83 62	80 66	71 63	81 52	69 50	73 41	71 42	77 45	81 44	82 53	79.7 53.5	
GENEVA 2	MAX MIN	73 58	83 62	84 67	86 71	84 55	64 36	70 41	80 55	85 53	82 44	80 48	83 52	83 47	81 45	83 55	86 54	87 54	87 55	85 58	83 58	84 64	85 66	82 63	84 56	75 51	76 43	72 42	77 45	83 50	82 52	81.0 53.4	
GILBERTOWN	MAX MIN	79 53	84 67	88 67	79 59	84 49	72 33	83 38	84 50	84 48	84 41	83 44	83 42	85 47	84 45	84 45	86 54	84 48	80 54	83 53	80 59	74 64	73 62	80 55	80 50	74 40	71 39	79 43	82 43	84 53	85 51	81.1 50.6	
HEADLAND	MAX MIN	75 58	80 60	83 63	85 67	83 53	63 40	68 46	79 57	81 50	84 48	80 52	83 53	84 53	83 52	86 55	85 55	86 54	88 55	85 60	85 59	85 59	84 65	80 64	83 54	72 45	74 46	70 46	77 51	83 55	82 54	80.5 54.6	
HIGHLAND HOME	MAX MIN	75 54	80 54	84 62	86 70	83 49	60 36	68 36	80 48	84 52	83 48	85 53	85 53	85 52	85 53	85 53	86 55	89 58	87 58	83 54	83 58	80 58	80 64	74 62	81 54	71 51	71 42	69 43	70 43	81 42	83 54	79.8 52.1	
OZARK 6 NNW	MAX MIN	80 57	83 62	84 68	83 70	78 44	68 38	78 48	85 54	83 54	78 51	82 54	83 56	83 57	83 54	85 53	86 57	86 55	83 63	83 59	80 58	82 65	77 65	82 62	79 58	74 53	71 45	75 51	81 53	84 56	84 55	80.8 55.8	
PITTSVIEW	MAX MIN	79 55	77 55	85 65	87 68	85 52	60 31	67 35	79 43	84 41	80 38	83 41	83 45	85 46	83 43	86 41	85 43	86 47	88 52	84 53	84 53	82 58	78 64	83 57	74 43	73 34	83 33	76 38	82 42	84 50	80.2 47.7		
THOMASVILLE	MAX MIN	72 53	79 54	83 69	87 71	79 48	62 37	71 38	82 43	85 51	84 50	84 48	85 49	85 53	86 50	86 50	86 52	88 54	89 56	81 55	87 59	81 60	75 62	71 63	82 52	71 51	73 42	72 42	78 46	82 50	85 54	80.4 52.1	
TROY	MAX MIN	80 56	82 65	84 68	83 70	73 52	67 37	79 42	84 52	80 55	80 51	83 53	83 57	83 57	84 53	85 54	87 57	87 58	85 61	84 59	81 65	80 65	74 65	82 63	74 55	72 53	68 44	76 45	81 50	83 54	85 56	80.3 55.5	
WHATLEY	MAX MIN	83 51	82 50	83 50	80 65	80 60	78 35	72 37	74 39	72 40	85 39	87 44	86 46	82 47	88 43	82 50	80 44	88 49	82 52	87 49	83 54	80 55	75 64	83 64	83 53	79 41	79 42	81 41	84 46	84 47	87 49	81.7 48.2	
GULF	08																																
BAY MINETTE	MAX MIN	81 56	83 68	83 69	81 69	75 37	73 37	80 47	84 55	85 57	83 54	84 52	85 55	84 55	85 54	85 55	87 58	86 55	82 62	85 59	81 56	78 63	73 66	81 65	71 66	75 54	73 48	78 49	81 54	82 57	85 55	81.0 56.2	
BOON	MAX MIN	77 58	79 69	80 70	81 63	75 53	75 39	75 42	82 56	82 52	72 49	77 50	77 55	79 53	80 52	80 54	81 59	81 57	80 68	81 69	79 68	78 64	79 60	75 54	77 45	72 45	76 45	78 58	79 57	80 52	78.2 56.2		
DAUPHIN ISLAND 2	MAX MIN	70 63	74 68	78 69	79 70	78 58	65 53	73 57	74 63	78 63	78 64	74 64	74 65	74 64	75 63	77 65	78 66	77 67	78 70	79 70	79 71	75 67	76 67	79 63	76 61	76 59	70 60	75 65	77 65	77 65	75.6 64.5		
FAIRHOPE 2 NE	MAX MIN	68 57	79 59	81 71	81 73	79 55	64 42	73 45	75 50	82 54	82 52	84 51	81 56	81 54	82 51	80 55	84 58	85 58	85 63	83 60	83 63	80 66	72 69	74 65	80 58	74 55	71 49	72 46	75 46	79 53	79 52	78.3 56.2	
MOBILE WSO AP	MAX MIN	80 58	80 71	82 72	79 58	63 48	73 41	79 45	84 55	83 55	80 53	81 53	81 56	82 55	81 53	82 57	84 61	84 64	82 64	81 64	78 65	75 66	75 66	81 62	71 57	72 47	77 49	80 57	81 57	83 58	79.0 57.3		
ROBERTSDALE	MAX MIN	69 58	80 60	81 71	82 72	79 54	65 40	73 41	76 45	84 53	85 50	80 51	81 53	80 54	82 51	82 52	84 56	85 59	85 60	83 60	83 61	79 65	78 69	76 66	80 57	74 53	77 48	73 47	77 47	79 51	81 52	79.1 55.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
APRIL 1977

STATION	DEPTH (IN)	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	2	MAX MIN	79 62	69 62	82 64	81 70	77 59	68 52	70 52	76 55	81 58	81 58	84 59	85 61	88 62	89 62	89 62	89 64	92 66	91 69	83 68	92 68	86 68	84 69	74 67	85 64	77 59	82 55	74 55	85 55	88 59	90 62	82.4 61.5	
	4	MAX MIN	77 65	68 63	78 64	80 71	76 63	68 54	68 54	73 54	78 61	78 61	80 58	82 63	84 64	84 66	85 65	86 66	87 70	86 71	82 70	87 69	82 70	80 71	73 69	83 69	76 63	78 59	73 58	82 58	84 60	85 66	79.4 63.8	
	8	MAX MIN	72 64	66 63	73 63	74 69	72 63	66 54	64 54	67 55	71 59	71 61	73 61	75 62	76 64	77 65	78 65	79 67	79 70	79 70	78 70	80 70	77 70	76 71	71 68	77 68	72 63	72 62	67 59	74 59	77 62	78 66	73.7 63.9	
BREWTON 3 ENE																																		
18 ARE GROUND 1	4	MAX MIN	73 63	78 63	76 68	80 68	76 61	69 53	76 52	81 55	85 60	85 61	86 61	86 61	87 65	88 63	89 63	89 67	92 67	90 67	84 65	89 65	85 68	81 70	74 69	84 63	72 61	79 57	80 58	86 58	88 61	90 63	82.6 62.5	
HEADLAND	4	MAX MIN	74 64	74 64	80 65	79 63	82 65	70 56	72 55	80 55	80 57	82 60	81 61	84 63	85 65	86 66	87 68	88 67	88 68	87 67	82 71	83 71	85 72	80 70	77 70	81 65	80 55	79 63	67 60	84 62	87 65	88 65	81.1 63.9	
MARION JCT 2NE	4	MAX MIN	73 65	66 65	75 65	77 68	71 62	67 53	67 51	71 54	72 59	74 60	76 60	77 61	75 62	80 65	81 63	81 65	83 66	81 68	77 67	81 68	75 67	72 68	71 69	78 65	72 63	73 59	72 58	78 52	81 61	82 64	75.3 62.5	
PITTSVIEW	4	MAX MIN	76 66	73 65	76 67	78 69	77 65	70 54	70 55	73 55	77 60	75 59	77 59	79 60	80 61	82 63	83 62	84 62	84 64	85 68	80 68	84 68	79 68	79 70	74 70	82 69	82 65	81 62	78 60	81 60	82 60	84 67	78.8 63.4	
THORSTBY EXP STATION	4	MAX MIN	75 61	73 60	73 59	69 67	67 58	66 53	69 54	71 57	71 57	71 58	76 46	79 61	81 63	81 62	82 63	83 64	82 63	78 67	79 58	76 66	71 66	71 68	78 69	74 70	74 62	76 59	79 59	80 61	80 65	82 66	75.6 61.4	
WINFIELD 2 SW	4	MAX MIN	75 55	62 58	71 62	64 62	65 52	60 45	66 50	74 56	81 55	82 55	85 60	85 62	86 64	85 63	85 62	87 63	88 64	85 66	79 66	87 70	82 68	69 67	70 65	76 62	77 60	74 55	75 55	80 59	81 64	80 67	77.2 60.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
APRIL 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.13	.08	-	-	-	.23	.27	.18	.19	.24	.21	.22	.22	.24	.24	.23	.22	.25	.30	.11	.20	-	.17	.25	.16	.23	.27	.20	.16	6.246	
		WIND	77	108	68	104	194	124	75	60	33	20	21	20	30	26	27	27	28	35	60	112	113	86	54	96	107	50	49	76	63	43	1986
		MAX	70	72	72	73	-	60	77	80	83	88	88	90	86	88	88	90	90	85	84	80	73	70	78	74	72	71	79	81	79	86	79.6
		MIN	48	60	59	56	-	38	43	54	48	53	53	59	60	60	60	59	60	62	61	60	63	64	63	57	51	46	48	53	61	49	55.4
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.21	.00		-	-	.14	.29	.22	.23	.23	.18	.20	.21	.20	.23	.23	.22	.19	.28	.26	.06	.03	.15	.15	.22	.20	.19	.25	.15	5.688	
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.20	.08	.23	.18	.34	.23	.23	-	.36	.22	.20	.23	.24	.25	.27	.31	.24	.22	.19	.27	-	.12	.07	.24	.14	.30	.19	.24	.30	.26	6.808
		WIND	31	39	148	80	174	91	55	65	84	25	14	15	18	22	20	28	19	10	25	37	60	61	26	62	36	67	50	36	65	49	1512
		MAX	82	68	84	85	78	75	70	78	83	80	84	85	87	81	84	85	87	87	81	86	80	79	72	87	76	76	67	81	83	85	80.5
		MIN	55	54	62	66	53	40	42	48	49	53	54	57	59	58	57	57	61	63	62	60	62	62	63	60	54	46	46	47	52	57	55.3
MARTIN DAM		EVAP	.05	.11	.15	.21	.16	.16	.24	.19	.18	.19	.26	.06	.23	.14	.17	.09	.12	-	-	-	.13	.06	.22	.25	.28	.17	.19	.15	.22	.17	5.068
		WIND	15	12	55	61	34	26	31	43	28	15	23	24	19	12	20	17	24	24	120	0	6	16	21	46	42	32	22	25	22	20	855
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.20	.01	.15	.22	-	.22	.18	.14	.18	.13	.19	.15	.11	.18	.28	.09	.16	.20	.32	.32	.16	.12	.02	.14	.11	.31	.21	.21	.21	.24	5.348
		WIND	48	40	100	71	93	101	46	47	48	22	18	26	20	22	16	14	24	20	18	34	58	34	9	46	49	79	46	23	56	44	1272
		MAX	74	64	77	78	70	56	72	80	82	80	84	84	86	88	90	91	91	87	76	87	78	68	71	85	75	81	76	86	87	93	79.9
		MIN	56	55	62	61	50	42	42	54	51	53	50	55	58	59	58	55	60	57	62	59	62	62	63	58	57	48	47	48	53	55	55.1
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.25	.12	.14	.15	.17	.25	.21	.22	.22	.24	.23	.22	.21	.24	.17	.21	.25	.21	.14	.17	.09	.06	-	.24	.23	.24	.24	.22	.25	.21	6.008
		WIND	45	40	42	58	80	56	26	36	23	12	15	16	14	17	23	13	13	10	12	19	25	25	12	40	37	33	22	22	24	18	828
		MAX	69	87	89	90	83	75	82	88	91	89	91	91	91	91	86	94	97	93	86	90	81	78	78	92	85	86	84	87	96	95	87.2
		MIN	59	59	72	71	55	46	46	50	58	54	55	54	58	57	56	60	63	64	62	62	64	67	68	60	59	53	53	53	53	61	56.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

ALABAMA  
APRIL 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	SP	5P		H	ALA. COMMUNITY NETWORK
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	MIO	MIO		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE	0583	08	BALOWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MIO	MIO		H	VALLEY CRK W-TRTMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MIO	MIO		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		C	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BRIDGEPORT	1099	02	JACKSON	12	34 57	85 43	515	8A	8A		H	CLOSED 3/22/77
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CAMP HILL 2 NW	1324	05	TALLAPOOSA	11	32 50	85 39	680	7A	7A		H	CLOSED 3/31/77
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	ODON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	COLBERT STEAM PLANT
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARD
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 10	87 24	800	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		C H	MRS CLOYE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	5P	5P		H	HENRY G. RICHARDS
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J BEARO
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOKS MCKENZIE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
APRIL 1977

STATION	INDEX NO.	DIVISION	COUNTY	ORAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 49	86 38	445	7A	7A		C H	INACTIVE 12/31/76
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	MID	MID	MID	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEE05	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P		H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MID	MID		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MID	MID		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	H. WAYNE MC FARLEN
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EDDINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWW
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MID		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# STATION INDEX

ALABAMA  
APRIL 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTT580RD	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750					TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADELY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/9/76
WEST 8LOCTON	8809	03	8188	3	33 07	87 07	500		7A			MRS ELIZA J. BEARDEN
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		7A			INACTIVE 4/25/76
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.
CLOSED STATIONS												
BRIDGEPORT	1099	02	JACKSON	12	34 57	85 43	615	8A	8A		H	CLOSED 3/22/77
CAMP HILL 2 NW	1324	05	TALLAPOOSA	11	32 50	85 39	680	7A	7A		H	CLOSED 3/31/77
NEW STATIONS												
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in  $^{\circ}\text{F}$ , precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from  $65^{\circ}\text{F}$ . In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- \* Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- † Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

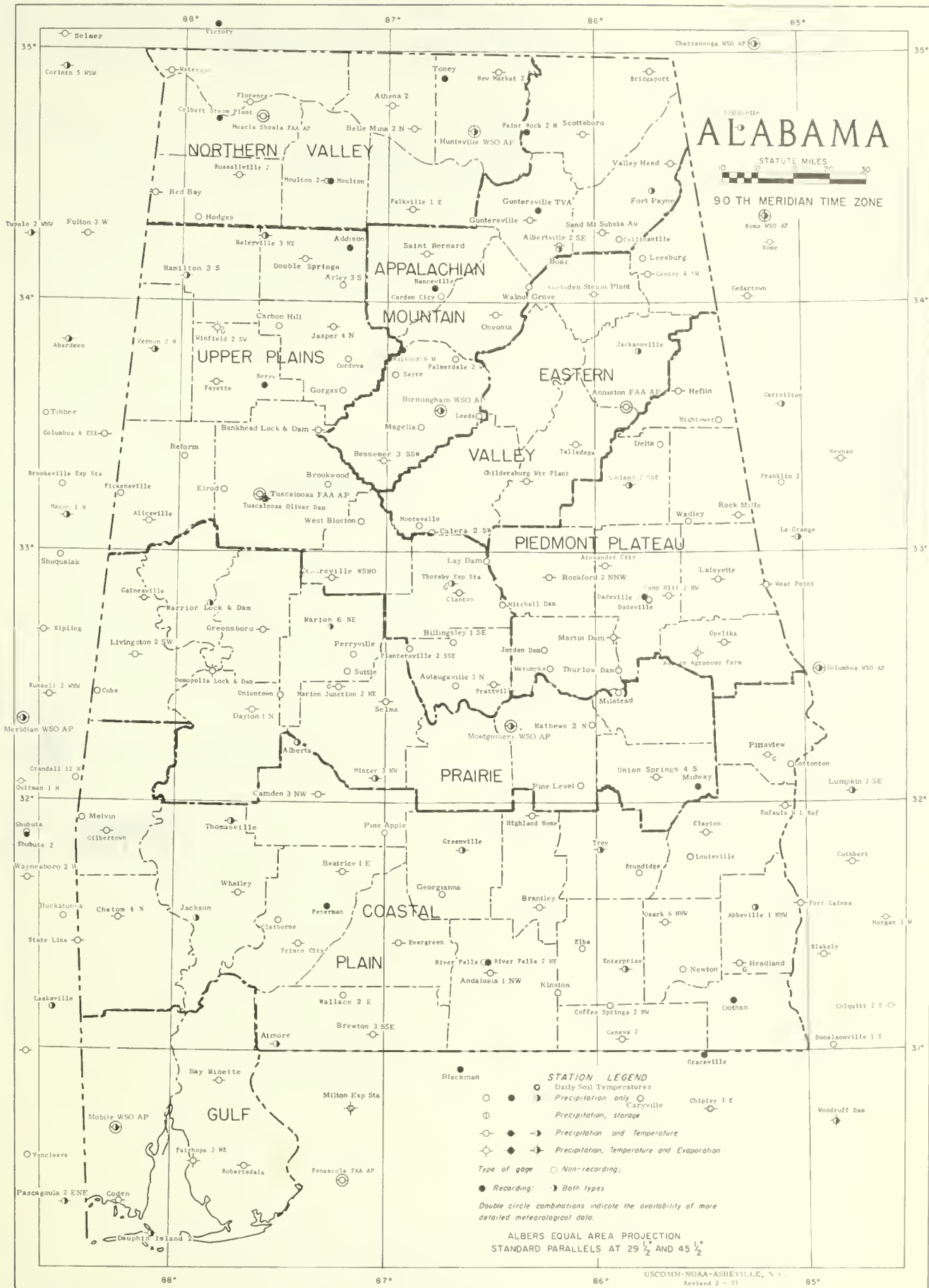
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference "R". Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCANBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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**THIRD CLASS**



# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	4 STATIONS	98	DATE	31+
LOWEST TEMPERATURE:	HEFLIN	34	DATE	11
GREATEST TOTAL PRECIPITATION:	FORT PAYNE	7.27		
LEAST TOTAL PRECIPITATION:	WALLACE 2 E	T		
GREATEST 1 DAY PRECIPITATION:	LEEDS	2.90	DATE	22

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTH-S)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	5	1.2	5.3	22	N	25	80	84	51	55	4	2	4	1	1	0	12	63	6.1	
HUNTSVILLE WSO AP	10	2.1	6.6	31++	32	31+	81	86	52	56	3	5	3	1	0	1	13	-	5.4	
MOBILE WSO AP	14	1.9	6.8	32++	9	22	84	87	51	62	0	1	8	1	0	1	11	-	5.9	
MONTGOMERY WSO AP	11	0.7	4.2	24	W	08	76	82	45	52	5	2	2	0	1	0	10	70	5.6	

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MAY

1977

STATION	TEMPERATURE											PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE				
										30° OR ABOVE	30° OR BELOW	32° OR BELOW	61° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	82.7M	57.0M	69.9M		93	31	39	11	28	1	0	0	0	1.27		.81	4	.0	0		2	1	0				
BELLE MINA 2 N	83.0	58.6	70.8		91	31	43	11	18	2	0	0	0	3.10		1.60	22	.0	0		5	2	0				
FAIRVIEW 1 E	82.1M	55.6	68.9M		89	31	35	11	38	0	0	0	0	1.07		.33	22	.0	0		3	0	0				
HUNTSVILLE WSO AP	82.9	60.1	71.5	1.9	91	30	44	10	12	2	0	0	0	4.13	.27	2.30	21	.0	0		5	2	1				
MOULTON 2	84.6	59.1	71.9		94	30	40	11	13	6	0	0	0	1.05		.30	23	.0	0		4	0	0				
MUSCLE SHOALS FRA AP	84.3	60.3	72.3	2.5	92	20	47	11	8	3	0	0	0	2.64	-.91	1.42	21	.0	0		6	1	1				
NEW MARKET 2	86.2	61.3	73.8		92	30	44	10	5	8	0	0	0	2.34		1.21	30	.0	0		5	1	1				
RED BAY	84.2	55.0	69.6		93	31	40	11	24	5	0	0	0	2.91		.85	31	.0	0		6	3	0				
RUSSELLVILLE 2																											
WATERLOO																											
DIVISION			71.1	1.7										2.31	- 1.39			.0									
APPALACHIAN MOUNTAINS 02																											
ALBERTVILLE 2 SE																											
BESSEMER 3 WSW	86.5	58.4	72.5		93	31	41	9	5	8	0	0	0	4.18	-.02	1.17	8	.0	0		6	4	1				
BIRMINGHAM WSO AP	84.3	60.4	72.4	1.9	93	20	43	10	5	4	0	0	0	3.51	-.11	1.51	21	.0	0		6	2	1				
CUNTERSVILLE	83.8	59.3	71.6		91	30	39	10	11	1	0	0	0	2.95		1.79	22	.0	0		6	1	1				
ONEONTA	83.5	56.6	70.1	1.0	91	31	40	11	19	2	0	0	0	1.88	- 1.72	.83	22	.0	0		5	1	0				
SAINT BERNARD	83.9	56.3	70.1	1.4	92	21	40	10	19	4	0	0	0	1.52	- 2.44	1.10	23	.0	0		3	1	1				
SAND MT SUBSTA AU	80.7M	57.7M	69.2M		89	21	39	11	26	0	0	0	0	3.49		1.50	23	.0	0		5	2	2				
SCOTTSBORO	82.6	56.2	69.4	.7	91	31	39	11	23	2	0	0	0	4.79	.86	1.29	8	.0	0		7	5	1				
VALLEY HERO	79.5	54.0	66.8	-.1	87	31	37	11	40	0	0	0	0	3.29	-.58	1.03	29	.0	0		7	3	1				
DIVISION			70.3	1.3										3.20	-.65			.0									
UPPER PLAINS 03																											
ALICEVILLE	86.0	59.3	72.7		98	31	46	10	2	10	0	0	0	.80	- 2.40	.34	4	.0	0		3	0	0				
BRINKHEAD LOCK AND DAM	86.9	60.7	73.8		95	31	48	11	3	9	0	0	0	2.01	- 1.58	1.05	9	.0	0		2	2	1				
CENTREVILLE WSO	84.9M	58.8M	71.9M		94	31	44	11	8	6	0	0	0	.38		.23	4	.0	0		1	0	0				
CLANTON	86.5	56.5	71.5	.4	95	31	41	11	7	11	0	0	0	.57	- 3.11	.40	27	.0	0		2	0	0				
DOUBLE SPRINGS	82.5	58.2	70.4		91	21	42	10	13	2	0	0	0	2.85		.90	28	.0	0		4	3	0				
FAYETTE	86.0	55.2	70.6	.4	94	31	37	1	18	9	0	0	0	2.41	- 1.23	1.17	24	.0	0		4	2	1				
HAYLEVILLE 3 NE	83.5M	57.0M	70.3M	1.6	91	31	40	10	14	3	0	0	0	1.73	- 2.06	.45	27	.0	0		7	0	0				
HAMILTON 3 S	85.1	54.2	69.7		93	31	37	11	18	7	0	0	0	3.00		.94	27	.0	0		6	4	0				
JASPER 4 N	81.3	57.2	69.3		90	31	42	11	17	1	0	0	0	2.00		.63	24	.0	0		4	2	0				
PRATTVILLE	81.3M	61.0M					42	1						2.07	- 1.89			.0	0								
HORSBY EXP STATION	85.4	59.9	72.7		96	20	46	10	3	5	0	0	0	1.27		.64	28	.0	0		2	1	0				
TUSCALOOSA FRA AP	84.5	59.7	72.1	.2	94	30	48	11	4	5	0	0	0	2.51	- 1.17	1.24	8	.0	0		4	3	1				
TUSCALOOSA OLIVER DAM	85.3M	60.0M	72.7M		93	21	48	11	4	5	0	0	0	2.18	- 1.59	.91	9	.0	0		3	3	0				
VERNON 2 N	84.7	56.0	70.4		95	31	39	10	11	5	0	0	0	1.02		.34	4	.0	0		4	0	0				
WINFIELD 2 SW	83.8	56.7	70.3		93	31	43	10	11	4	0	0	0	2.31	- 1.36	.60	31	.0	0		5	2	0				
DIVISION			71.3	.5										1.81	- 1.90			.0									
EASTERN VALLEY 04																											
ANNISTON FRA AP	84.4	59.4	71.9		91	31	44	10	8	8	0	0	0	1.81		1.23	22	.0	0		2	1	1				
CALERA 2 SW	87.2	59.6M	73.4M		94	31	4	12	0	0	0	0	0	.34	- 3.33	.34	22	.0	0		1	0	0				
CENTRE 4 SW	82.7	58.6	70.7		91	20	42	11	13	5	0	0	0	4.07		2.74	22	.0	0		5	1	1				
CHILDERSBURG WTR PLANT	86.6	56.8	71.7		93	31	41	11	6	11	0	0	0	1.04	- 2.84	.87	22	.0	0		1	1	0				
GROSDEN STEAM PLANT	82.3	58.6	70.5	1.0	91	31	43	11	15	3	0	0	0	1.69	- 1.99	.98	24	.0	0		3	1	0				
TALLADEGA	84.3M	54.4	69.4M	.9	96	20	40	11	11	8	0	0	0	2.09	- 1.33	1.23	22	.0	0		3	2	1				
DIVISION			71.3	1.4										1.84	- 1.67			.0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	86.0	58.4	72.2		92	31	45	11	3	9	0	0	0	2.28	- 1.29	1.00	24	.0	0		3	2	1				
ASHLAND 2 SSE	82.0	56.5	69.3		89	21	43	11	12	0	0	0	0	2.91		.95	26	.0	0		7	2	0				
AUBURN AERONAUTY FARM	84.7	60.8	72.8		92	20	47	14	0	6	0	0	0	5.02		1.83	22	.0	0		5	5	1				
HEFLIN	82.9	53.0	68.0		92	31	34	11	33	4	0	0	0	1.35		1.00	22	.0	0		3	1	1				
LAFAYETTE	86.7	58.3	72.5		94	20	45	11	4	10	0	0	0	.47		.22	8	.0	0		2	0	0				
MARTIN DAM	84.9	58.9	71.9		92	31	47	11	3	6	0	0	0	1.12	- 2.24	.61	22	.0	0		3	1	0				
OPELIKA	85.3M	57.0M	71.2M		92	21	40	14	3	7	0	0	0	2.79		1.46	31	.0	0		4	2	1				
ROCKFORD 2 NNW	85.0	57.6	71.3		93	20	44	10	4	6	0	0	0	1.14		.66	23	.0	0		2	1	0				
ROCK MILLS	85.3	55.8	70.6	.6	93	21	39	11	8	8	0	0	0	2.91	-.76	1.51	23	.0	0		6	1	1				
DIVISION			71.1	.6										2.22	- 1.48			.0									
PRAIRIE 06																											
DAYTON 1 N	86.6	60.5	73.6		97	31	48	10	1	8	0	0	0	.43	- 3.45	.30	3	.0	0		2	0	0				
DEMOPOLIS LOCK AND DAM	85.4	59.7	72.6		95	31	48	11	2	6	0	0	0	1.15	- 2.67	.79	28	.0	0		2	1	0				
GRAINESVILLE	85.9	60.9	73.4		97	31	46	10	2	8	0	0	0	1.18	- 2.26	.65	4	.0	0		4	1	0				
GREENSBORO	86.9	60.1	73.5	.7	93	21	46	10	2	12	0	0	0	1.23	- 2.63	.65	9	.0	0		3	1	0				
HAYNEVILLE	86.6	63.6M	75.1M		95	22	49	10	0	14	0	0	0	1.70	- 1.73	1.00	22	.0	0		4	1	1				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MAY

1977

STATION		TEMPERATURE											PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									MAX.		MIN.					TOTAL	MAX. DEPTH ON GROUND	DATE	1-10 OR MORE 1-50 OR MORE 1-100 OR MORE				
									32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW											
LIVINGSTON 2 SW		87.0	58.9	73.0		97 31	44 10	2	10	0	0	0	2.42	1.28	1.17	3	.0	0	4	1	1		
MARION JUNCTION 2 NE		85.4	58.9	72.2		95 31	47 10	2	8	0	0	0	.74	2.84	.23	28	.0	0	4	0	0		
WINTER 3 NW		86.7	59.6	73.2		94 20	45 10	4	9	0	0	0	2.05		1.03	23	.0	0	3	2	1		
MONTGOMERY WSO AP	R	86.9	62.4	74.7	2.3	94 31	50 10	0	10	0	0	0	1.62	-1.85	1.15	22	.0	0	3	1	1		
SELMA		88.4	62.4	75.4	1.6	95 30	50 10	0	11	0	0	0	.10	3.58	.06	4	.0	0	0	0	0		
UNION SPRINGS 4 S		87.3	58.0	72.7	.1	93 21	44 10	4	13	0	0	0	.81	2.69	.52	28	.0	0	2	1	0		
DIVISION				73.6	.9								1.22	2.37			.0						
COASTAL PLAIN	07																						
ANDALUSIA 1 NW		84.1M	54.1	69.1M	-4.7		40 10	9	0	0	0	0	2.94	-1.27	1.50	31	.0	0	2	2	2		
ATMORE		87.1	60.6	73.9		96 31	48 10	0	10	0	0	0	.73		.44	9	.0	0	3	0	0		
BEATRICE 1 E		86.1	64.3	75.2		94 31	51 10	0	5	0	0	0	1.42	2.48	1.28	22	.0	0	2	1	1		
BRANTLEY		89.5	54.0	71.8		97 20	38 10	3	15	0	0	0	3.18	-.44	2.20	29	.0	0	3	2	1		
BREWTON 3 ENE		87.9	58.3	73.1		95 31	49 2	0	11	0	0	0	1.28		.97	28	.0	0	2	1	0		
BREWTON 3 SSE		90.6	57.2	73.9	1.1	98 30	45 1	0	21	0	0	0	1.12	-3.24	.76	28	.0	0	2	1	0		
CAMDEN 3 NW		86.9	58.9	72.9		95 31	42 15	0	8	0	0	0	2.26		.82	9	.0	0	5	2	0		
CHATOM 4 N		87.1	60.9M	74.0M		95 31	48 10	1	9	0	0	0	2.24		1.37	2	.0	0	4	1	1		
CLAYTON		85.3	60.9	73.1		92 20	48 10	0	4	0	0	0	1.30	2.58	.53	29	.0	0	3	1	0		
ENTERPRISE																							
EUFULA WILDLIFE REF		89.7	56.5	73.1	.0	95 19	44 10	1	16	0	0	0	1.94	-2.01	1.40	27	.0	0	3	1	1		
EVERGREEN		86.9	58.7	72.8	.1	92 31	46 10	2	8	0	0	0	1.00	-2.75	.40	29	.0	0	5	0	0		
FRISCO CITY		86.4	59.9	73.2		94 31	47 11	2	6	0	0	0	1.86	-2.20	1.45	23	.0	0	4	1	1		
GENEVA 2		87.5	59.7	73.6		93 31	50 10	0	8	0	0	0	3.67		2.13	27	.0	0	2	2	2		
GILBERTOWN		87.4	57.4	72.4		98 30	46 11	0	8	0	0	0	4.89		1.66	31	.0	0	6	4	2		
GREENVILLE																							
HEADLAND		88.2	60.9	74.6		93 21	48 10	0	14	0	0	0	2.01		1.00	27	.0	0	3	1	1		
HIGHLAND HOME		88.1	58.5	73.3	.4	95 21	46 10	0	11	0	0	0	1.61	-2.35	1.43	28	.0	0	2	1	1		
OZARK 6 NNW		87.5	61.7	74.6	.7	95 19	48 10	0	9	0	0	0	.67	-3.10	.42	31	.0	0	2	0	0		
PITTSVIEW		87.2	55.3	71.3		94 21	39 10	7	12	0	0	0	3.47		2.54	27	.0	0	4	1	1		
THOMASVILLE		87.3	59.4	73.4	.7	97 31	46 10	1	8	0	0	0	1.34	-2.57	.45	9	.0	0	4	0	0		
TROY		88.2	61.6	74.9	1.6	95 31	47 10	0	14	0	0	0	.14	-3.80	.07	9	.0	0	0	0	0		
WHATLEY		88.5	55.7	72.1		98 30	45 10	5	14	0	0	0	4.16	.41	1.55	3	.0	0	4	3	3		
DIVISION				73.2	-.1								2.06	1.85			.0						
GULF	08																						
BAY MINETTE		85.7	62.9	74.3	-.3	93 31	48 13	0	5	0	0	0	4.92	-.06	1.50	26	.0	0	5	5	3		
COOEN		83.8	62.4	73.1		91 30	55 1	0	2	0	0	0	4.33		2.56	2	.0	0	4	2	2		
DAUPHIN ISLAND 2		82.7	70.4	76.6		90 31	63 10	0	1	0	0	0	1.21		.38	28	.0	0	4	0	0		
FAIRHOPE 2 NE		85.0	62.4	73.7	-.9	92 31	53 1	0	1	0	0	0	2.80	-1.53	1.79	28	.0	0	4	1	1		
MOBILE WSO AP		85.6	65.5	75.6	.8	95 30	59 10	0	4	0	0	0	5.30	.78	2.71	2	.0	0	10	2	1		
ROBERTSDALE		86.3	61.5	73.9	.0	93 31	52 1	0	8	0	0	0	3.29	1.41	.71	28	.0	0	7	4	0		
DIVISION				74.5	-.2								3.64	-.63			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
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SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

ALABAMA  
MAY 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MILSTEAD	1.03								.05														T	.52	T					.46	T	
MINTER 3 NW	2.05				.06				.24														1.03	.70					.02			
MONTGOMERY WSO AP	1.62		.01	T					.15	T										T			1.15	.24			T		.07		T	
PEARSVILLE	1.18		T	.08						.24											T		.31						.55			
PINE LEVEL	1.22								.45													.08					.05	.60			.03	
SELMA	.10			T	.06						T												.01							.03		
SUTTLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05		.12	-	-	-	.52	.05	-	
UNION SPRINGS 4 S	.81								.07																							
UNIONTOWN	.70				.40																										.30	
WARRIOR LOCK AND DAM	.84			.10	.10				.03																.11						.50	
***																																
COASTAL PLAIN 07																																
ADDEVILLE 1 NW	1.12								.11													T		.10				.67	.08	.24		
ALBERTA	2.08			.16	.23				1.52														.06					1.34	.02	.07	1.50	
ANDALUSIA 1 NW	2.94																						.01									
ATMORE	.73			.10					.44															.04	T				.15			
BEATRICE 1 E	1.42																						1.28	.14								
BRANTLEY	3.16																												.55	2.20	.35	
BREWTON 3 ENE	1.28								.22	T																		.02	.87	.07		
BREWTON 3 SSE	1.12								.29																				.76			
DAUNFORD	.13								.10																			T	T	.03		
CAMDEN 3 NW	2.26			.03	.32				.82													T	.11	.15	.75					.08		
CHATHAM 4 N	2.24		1.37	.25																												
CLAIRBORNE	1.30			.21	.71				.12															.35			.04	.23				
CLAYTON	1.30								.35															.11				.15				
COFFEE SPRINGS 2 NW	.88								.60	.19													.39			.03			T	.18	T	
COTTONDALE	1.11								.10													.08	.15				.68				.10	
ELBA	.95																												.07	.01	.87	
ENTERPRISE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EUFAULA WILDLIFE REF	1.94								.24																			1.40			.30	
EVERGREEN	1.00								.16													.10		T	.30		T	T	.10	.40		
FAISCO CITY	1.86			.02	.12																			1.45	.11							
GENEVA 2	3.67								1.38	.03												.01	.02				2.13	.01	.04		.04	
GEORGIANA	.64								.10																.34	.17			.02	.01		
GILBERTOWN	4.88		.78	1.30	.77				.08															.20			.10					1.66
GREENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HEADLAND	2.01								.02														.07	.40			1.00		.47		.05	
HIGHLAND HOME	1.61								T														.02						1.43			
JACKSON	2.56		1.41	.08					.26																				.55			
KINSTON	1.07								.31																				T	.02	.28	
LOUISVILLE	1.62								.54																					.02	.10	
MELVIN	3.23		1.78	.80					.12																							.43
NEWTON	.07																														.07	
OSARK 6 NW	.67																													.22	.42	
PINE APPLE	2.10								.18																				1.04			
PITTSVIEW	3.47							T	.05														.02	.15	.47	.01	2.54	.01	.07		.15	
RIVER FALLS	.31																												.31			
THOMASVILLE	1.34			.43	.08				.45																							
TRAY	.14								.07																						.20	
WALLACE 2 E	T			T																		.02	.05			T			.18			
WARTLEY	4.16		1.55	1.10					.44																	1.07						
***																																
GULF 06																																
BAY MINETTE	4.92	.85		.05					1.02																							
COHEN	4.33		2.56	.37																												
DAUPHIN ISLAND 2	1.21			.31					.18	.02	T	.25																.04	.78	.02		.01
FAIRHOPE 2 NE	2.80			.16	.43				.42																				1.79			
MOBILE WSO AP	5.30		2.71	.24					.18	.06																			.20	.10		.72
ROBERTSDALE	3.29			.50	.50				.32	T																		T	T	.71	.48	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
MAY 1977

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																		
ATHENS 2	MAX 81	81	80	73	79	82	84	86	83	71	71	76	81	82	84	85	86	88	88	89	89	89	73	83	82	82	86		84	89	93	82.7		
	MIN 57	60	63	62	61	62	60	63	58	43	39	41	44	46	48	54	55	59	58	58	58	59	58	64	65	62	62		60	65	65	57.0		
BELLE MINA 2 N	MAX 81	81	79	75	79	86	87	86	83	74	72	77	81	82	84	85	88	88	88	89	91	89	73	84	83	82	83	82	81	88	91	83.0		
	MIN 56	60	62	62	64	62	62	63	58	43	43	45	47	49	52	56	57	60	60	60	61	61	61	61	63	65	64	64	62	67	67	58.6		
FALKVILLE 1 E	MAX 83	81	78	75	78	85	88	87	84	74	67	78	82	83	83	86	89	88	88	89	86	88	89	85	71	82		78	80	87	89	82.1		
	MIN 59	60	61	63	62	61	64	61	56	36	35	36	42	45	47	52	52	59	55	56	60	63	57	59	59	61	61		61	57	61	55.6		
HUNTSVILLE WSO AP	MAX 79	79	77	80	85	86	86	83	73	73	77	81	82	83	84	88	88	88	88	89	90	87	73	85	83	80	82	81	81	87	91	89	82.9	
	MIN 58	60	64	64	64	62	64	65	52	44	45	50	50	51	53	59	62	64	62	62	62	62	62	62	62	64	65	65	66	64	69	66	60.1	
MOULTON 2	MAX 81	81	75	79	86	86	87	85	80	73	80	82	84	85	86	89	87	89	91	92	90	76	83	85	84	85	82	83	91	94	93	84.6		
	MIN 57	58	63	64	67	63	69	64	59	43	40	45	46	48	51	54	59	61	58	60	63	68	58	58	65	63	63	67	63	68	67	59.1		
MUSCLE SHOALS FAA AP	MAX 83	81	76	80	86	87	89	86	74	73	79	82	83	84	86	91	87	87	89	92	89	78	83	86	83	84	82	83	89	91	89	84.3		
	MIN 59	60	66	66	67	64	67	67	54	47	47	48	49	50	52	55	60	63	60	62	64	64	62	64	67	66	63	62	62	68	65	60.3		
NEW MARKET 2	MAX																																	
	MIN																																	
RED BAY	MAX 80	80	78	79	86	86	88	88	82	76	80	84	85	87	89	89	88	88	88	90	91	92	91	86	89	84	86	85	92	90	92	90	86.2	
	MIN 67	67	62	61	65	65	63	64	59	44	49	52	53	55	55	60	64	63	62	65	65	65	60	63	63	63	65	65	64	66	65	61.3		
RUSSELLVILLE 2	MAX 84	82	80	73	78	85	87	87	84	75	73	79	82	83	82	87	90	88	88	91	92	89	77	84	86	84	85	83	88	90	93	84.2		
	MIN 43	51	54	64	66	61	62	62	57	42	40	42	43	43	46	46	52	55	54	56	58	63	56	57	61	60	61	63	62	62	64	55.0		
WATERLOO	MAX																																	
	MIN																																	
APPALACHIAN MOUNTAINS 02																																		
ALBERTVILLE 2 SE	MAX																																	
	MIN																																	
BESSEMER 3 WSW	MAX 84	73	85	79	86	87	89	85	79	87	87	84	86	87	88	91	92	91	93	93	92	84	86	85	81	83	85	85	88	93	93	86.5		
	MIN 55	59	62	63	61	62	65	54	41	44	42	55	54	53	55	60	56	51	63	65	60	60	61	59	59	65	65	64	66	67	65	58.4		
BIRMINGHAM WSO AP	MAX 82	81	76	80	85	86	89	87	77	76	81	83	84	85	86	90	88	89	91	93	89	71	86	83	81	84	81	83	88	91	88	84.3		
	MIN 61	63	67	61	62	62	62	62	52	43	54	54	50	50	52	56	60	59	62	63	67	66	65	65	63	64	65	63	61	68	59	60.4		
GUNTERSVILLE	MAX 83	81	79	83	84	87	87	87	83	74	77	78	80	83	83	85	89	89	89	89	89	85	81	85	79	79	85	83	83	91	89	83.8		
	MIN 59	59	61	60	61	61	63	65	59	39	49	50	51	50	53	57	60	63	69	62	62	52	61	62	64	60	65	64	65	68	64	59.3		
ONEONTA	MAX 83	83	80	78	76	88	87	89	85	75	73	77	81	84	83	85	89	88	89	88	91	89	69	84	80	78	83	85	88	88	89	91	83.5	
	MIN 55	59	60	61	60	56	58	61	56	42	40	42	46	46	47	50	56	60	59	58	60	62	62	61	61	62	62	61	62	63	66	56.6		
SAINT BERNARD	MAX 84	83	78	76	77	85	88	89	85	75	75	79	83	83	84	86	90	88	89	90	92	89	72	86	83	80	85	83	83	89	91	83.9		
	MIN 56	58	58	61	61	58	59	60	59	40	41	43	45	47	48	50	50	59	58	58	60	64	59	60	61	61	63	65	59	61	64	56.3		
SAND MT SUBSTA AU	MAX 79	78	78	74		83	85	82	81	73	71	75	78	80	81	85	87	87	87	88	89	86	66	84	75	74	81	81	81	86	87	80.7		
	MIN 58	60	61	61		59	64	61	57	43	39	48	46	48	50	55	61	59	57	57	62	62	61	61	62	62	64	63	61	64	66	57.7		
SCOTTSBORO	MAX 83	80	79	77	76	83	86	83	83	73	73	77	81	82	83	86	88	88	88	89	90	86	70	85	82	81	83	81	85	89	91	82.6		
	MIN 57	62	60	58	60	56	60	60	56	43	39	45	47	45	47	52	55	55	55	56	59	64	58	57	61	62	60	63	61	63	65	56.2		
VALLEY HEAD	MAX 79	76	78	76	75	85	78	79	78	70	78	74	78	79	79	82	86	85	85	86	86	82	71	78	78	75	80	77	83	83	87	79.5		
	MIN 44	63	61	57	57	56	60	52	51	37	37	41	39	43	46	49	54	54	52	54	58	63	60	57	60	62	64	61	60	60	61	54.0		
UPPER PLAINS 03																																		
ALICEVILLE	MAX 84	81	73	71	77	85	88	90	90	82	78	83	84	86	88	89	91	90	90	91	94	91	85	88	87	84	88	87	80	94	98	86.0		
	MIN 52	56	60	62	62	63	62	64	61	46	49	52	50	51	54	58	61	57	59	61	63	62	62	64	60	62	65	66	64	65	66	59.3		
BANKHEAD LOCK AND DAM	MAX 84	83	87	86	78	85	87	91	90	80	78	84	86	88	89	90	92	89	89	92	91	92	77	86	87	84	88	86	87	93	95	86.9		
	MIN 58	59	59	65	69	63	63	63	63	48	48	49	54	56	57	58	60	62	63	64	65	64	63	63	63	62	61	62	65	65	68	60.7		
CENTREVILLE WSMO	MAX 84	82	79	76	82	85	86	88	89	78	77	81	83	85	83	88	90	89	91	91	90	90	77	87	84	80	86	83	87	91	94	84.9		
	MIN 53	57	57	63	61	61	62	64	62	44	44	51	54	54	53	56	58	59	59	62	62	65	61	61	64	62	62	64	63	62	66	58.8		
CLANTON	MAX 85	83	81	78	83	87	88	91	90	82	80	83	85	86	85	90	93	90	91	94	93	90	78	87	85	83	89	83	83	91	95	86.5		
	MIN 53	54	60	57	57	56	58	62	60	42	41	47	49	46	48	51	56	55	55	59	61	64	58	62	60	60	63	66	62	62	65	56.5		
DOUBLE SPRINGS	MAX 80	80	76	70	73	85	86	88	87	75	72	78	81	83	84	85	89	87	86	89	91	88	71	84	83	82	81	83	83	88	90	82.5		
	MIN 55	57	57	61	62	60	63	64	56	42	45	49	49	49	52	55	58	61	58	60	65	64	58	62	60	63	65	61	66	64	58.2			
FAYETTE	MAX 85	76	78	75	79	84	87	86	93	79	77	84	84	89	89	89	92	90	91	94	94	93	80	85	86	81	86	85	87	91	94	86.0		
	MIN 37	50	54</																															

# DAILY TEMPERATURES

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STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
WINFIELD 2 SW	MAX MIN	82 49	80 52	77 56	74 61	76 62	84 60	85 61	88 65	88 60	77 43	74 45	80 48	83 48	84 48	85 48	87 50	88 55	87 57	88 57	91 56	91 57	91 61	89 63	76 57	82 59	86 60	81 62	84 61	83 64	85 62	90 62	93 65	83.8 56.7
EASTERN VALLEY 04																																		
ANNISTON FAA AP	MAX MIN	84 63	83 62	80 61	85 61	89 60	91 60	86 61	85 64	77 54	74 44	80 45	83 51	84 48	83 48	87 50	90 56	90 61	91 60	90 61	90 60	88 65	72 64	84 60	74 61	79 62	85 65	80 67	82 68	89 63	90 65	91 69	84.4 59.4	
CALERA 2 SW	MAX MIN	80 65	81 65	75 70	82 60	86 58	85 60	90 59	88 63	85 60	78 43	88 49	88 51	88 49	90 51	90 54	91 57	89 58	91 60	93 57	92 68	93 57	83 66	88 61	88 57	77 66	89 61	90 65	88 60	94 60	94 60	87.2 59.6		
CENTRE 4 SW	MAX MIN	82 61	81 60	80 63	78 58	81 60	85 58	87 62	84 58	84 59	74 47	73 42	78 49	81 46	83 49	84 51	86 55	90 59	88 58	90 59	91 63	90 63	87 65	70 61	82 60	75 65	78 64	84 65	79 67	80 62	88 65	90 69	82.7 58.6	
CHILDOERSBURG WTR PLANT	MAX MIN	85 55	83 57	79 62	85 57	88 58	89 59	92 62	90 64	85 56	79 45	82 41	84 47	85 47	85 47	87 48	91 53	90 58	91 57	93 59	93 59	92 59	79 66	86 60	80 58	81 48	87 61	85 61	83 67	90 63	93 64	93 63	86.5 56.8	
DAOSDEN STEAM PLANT	MAX MIN	82 61	82 60	80 60	77 58	78 60	85 58	86 60	86 61	84 58	74 45	73 43	79 44	81 49	82 51	84 54	87 57	89 58	87 60	90 59	89 60	90 62	86 65	68 61	80 61	73 62	75 62	83 65	79 66	81 61	89 65	91 68	82.3 58.6	
TALLADEGA	MAX MIN	84 58	84 58	84 56	78 57	75 56	89 58	90 56	88 62	75 56	78 44	77 40	83 47	86 45	86 44	88 44	91 52	92 60	90 56	92 56	96 56	90 50	93 52	77 53	75 64	79 52	79 53	81 60	82 60	79 59	89 60	89 63	84.3 54.4	
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	85 60	83 60	84 62	81 58	85 57	86 60	90 60	90 63	89 60	81 46	81 45	83 50	84 50	85 50	84 49	88 55	92 61	90 60	90 62	91 60	92 62	88 62	81 59	87 59	80 61	81 62	88 64	82 65	83 60	90 61	92 65	86.0 58.4	
ASHLAND 2 SSE	MAX MIN	80 59	79 60	80 57	79 62	80 56	84 55	86 56	86 59	85 61	75 52	75 43	80 45	80 48	82 47	84 47	84 47	88 54	88 59	88 59	89 61	89 57	84 59	72 61	82 58	74 58	77 62	82 60	78 63	80 65	87 60	88 63	82.0 56.5	
AUBURN AGRONOMY FARM	MAX MIN	85 61	83 62	84 60	84 59	84 60	86 61	90 65	90 66	89 64	80 49	78 52	80 56	80 54	85 47	82 55	87 58	90 62	90 62	92 64	92 62	91 65	87 63	93 63	83 63	72 63	79 62	86 65	86 66	86 63	88 65	84 65	84.7 60.8	
HEFLIN	MAX MIN	80 54	80 56	81 57	80 55	82 52	85 54	85 54	87 58	85 54	75 39	75 34	78 41	79 40	82 41	82 44	87 50	88 50	88 51	90 55	90 55	92 55	85 55	75 54	82 62	72 55	77 62	85 61	80 62	82 58	88 60	92 63	82.9 53.0	
LAFAYETTE	MAX MIN	84 60	84 59	85 59	85 60	88 59	90 60	91 62	89 61	80 60	79 46	81 45	83 53	87 49	84 48	89 49	92 56	90 62	92 59	93 60	94 59	89 62	82 62	86 59	77 60	80 63	87 61	84 62	87 65	92 60	92 62	86.7 58.3		
MARTIN DAM	MAX MIN	83 58	84 59	83 54	84 55	86 58	89 60	90 65	88 64	78 52	76 50	80 47	82 50	83 50	80 50	84 53	90 58	89 57	89 61	90 58	91 62	91 66	82 64	84 63	77 66	80 64	84 65	83 65	87 62	87 65	91 65	92 60	84.9 58.9	
OPELIKA	MAX MIN	83 62	83 57	83 51	84 57	85 61	88 61	90 59	91 65	89 62	80 50	77 51	80 51	82 50	85 49	87 48	88 54	91 58	87 57	87 59	92 57	92 63	87 66	83 63	84 52	71 64	80 63	88 65	79 66	85 60	91 60	86 63	85.3 57.0	
ROCKFORD 2 NW	MAX MIN	84 55	84 57	81 60	78 56	83 59	86 59	87 62	89 63	88 59	81 44	79 46	81 49	82 50	85 50	83 50	88 52	90 63	88 58	90 63	93 59	92 60	87 63	86 60	77 57	80 62	88 60	88 62	82 65	88 60	90 61	91 63	85.0 57.6	
ROCK MILLS	MAX MIN	81 62	82 57	83 59	84 55	86 53	89 54	88 57	91 61	87 57	80 47	78 39	81 46	83 46	87 46	85 47	90 52	90 54	90 55	91 55	93 54	93 61	86 62	80 57	85 60	73 63	80 60	85 62	80 64	85 60	90 62	89 63	85.3 55.8	
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	85 54	75 53	78 64	77 63	84 61	87 61	88 65	90 65	89 63	82 48	80 54	82 58	85 53	86 53	85 55	88 60	90 64	89 58	88 61	92 61	92 62	92 63	90 61	88 61	86 61	84 65	88 64	88 67	88 65	93 66	97 67	85.6 60.5	
DEMOPOLIS LOCK AND DAM	MAX MIN	84 54	81 58	72 60	78 64	82 62	85 60	87 62	88 62	88 63	79 50	78 48	82 55	84 54	85 52	85 53	85 58	90 60	88 59	89 58	90 61	92 62	90 64	84 63	86 64	86 62	82 65	87 65	87 65	90 67	95 67	85.4 59.7		
GAINESVILLE	MAX MIN	85 55	82 57	73 61	75 61	78 61	85 63	87 64	90 65	90 63	81 46	78 49	82 52	85 55	85 55	86 59	86 61	90 63	89 59	88 62	91 62	92 65	91 67	85 63	87 63	87 61	85 63	85 64	89 66	86 65	94 68	97 68	85.9 60.9	
GREENSBORO	MAX MIN	83 54	77 59	76 64	83 64	87 60	89 61	90 61	91 66	80 63	79 61	84 56	86 56	86 52	86 53	90 55	91 52	90 58	92 63	93 61	93 64	85 66	88 60	88 61	83 66	83 68	86 66	89 68	90 66	90 64	90 62	86.9 60.1		
HAYNEVILLE	MAX MIN	84 62	80 63	77 63	84 64	87 63	91 64	91 64	91 66	87 66	87 57	83 58	83 58	83 57	85 57	85 57	90 60	91 61	92 61	92 65	95 68	92 67	95 68	80 67	83 67	80 64	81 66	80 68	90 71	90 71	88 72	90 72	86.6 63.6	
LIVINGSTON 2 SW	MAX MIN	84 60	81 56	79 56	82 57	80 60	86 61	83 62	90 62	81 61	82 44	81 48	84 52	86 50	88 57	89 60	89 59	91 60	91 63	93 63	90 63	90 63	87 65	80 60	88 52	84 60	86 62	88 62	93 60	95 67	91 65	87.0 58.9		
MARION JUNCTION 2 NE	MAX MIN	83 53	81 54	77 60	76 64	82 59	86 60	87 61	90 64	90 63	80 47	79 48	81 50	84 53	86 53	84 53	88 58	90 57	87 59	89 61	90 61	93 61	91 64	81 61	86 61	85 62	81 62	86 63	86 64	90 63	95 63	85.4 58.9		
WINTER 3 NW	MAX MIN	86 52	85 57	80 58	78 62	87 60	89 60	90 61	90 68	91 63	81 45	80 46	83 55	85 54	86 54	83 53	89 54	94 61	90 59	90 61	94 63	93 63	86 63	86 60	87 60	85 61	81 64	86 65	86 64	87 65	86 65	87 65	86.7 59.6	
MONTGOMERY WSO AP	MAX MIN	84 54	84 59	80 65	85 59	87 61	89 62	90 64	90 68	81 63	80 50	81 54	86 56	86 55	83 55	89 55	92 61	89 64	91 61	91 64	92 62	92 67	87 67	86 66	82 65	88 68	85 67	88 70	93 66	90 69	94 69	86.9 62.4		
SELMA	MAX MIN	84 59	84 58	78 56	85 64	87 65	89 66	91 65	92 68	87 65	82 45	85 53	83 61	88 56	86 55	90 55	89 54	95 61	91 64	91 61	93 64	94 64	89 69	90 64	88 65	84 66	88 65	88 68	87 65	94 68	95 68	91 71	88.4 62.4	
UNION SPRINGS 4 S	MAX MIN	85 53	86 53	84 57	86 58	85 58	87 60	90 52	91 62	91 62	82 44	81 45	84 50	84 50	87 51	85 50	91 58	91 58	91 58	90 59	92 57	93 63	91 61	90 62	87 63	78 63	83 63	86 64	86 65	86 63	91 61	92 65	87.3 58.0	
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	85 48	84 43	83 55	81 51	84 53	87 56	88 56	86 61	85 59	79 40	80 47	80 52	79 47	83 46	85 45	85 50	88 53	85 55	87 54	88 58	89 57	85 56	86 57	86 56	83 59	79 56	84 60	82 62	82 60	86 61	86 63	84.1 54.1	
ATHORE	MAX MIN	85 53	83 50	76 64	81 58	86 60	88 62	88 64	90 69	83 61	82 48	83 51	83 59	83 56	87 58	87 58	88 60	90 60	87 59	90 62	92 60	92 60	90 63	88 63	89 64	87 61	85 64	85 64	87 66	91 67	91 68	96 67	87.1 60.6	
BEATRICE 1 E	MAX MIN	84 62	82 61	80 62	81 63	84 65	86 66	86 65	88 																									

# DAILY TEMPERATURES

ALABAMA  
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STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BREWTON 3 ENE	MAX MIN	85 49	85 49	81 62	81 57	87 58	89 60	89 62	90 65	90 60	84 50	83 53	85 56	84 50	87 53	88 50	90 58	92 58	89 56	90 59	93 59	93 58	91 58	89 63	90 60	87 64	86 59	87 62	89 64	85 64	90 66	95 65	87.9 58.3		
BREWTON 3 SSE	MAX MIN	87 45	84 57	89 59	90 55	92 57	91 61	92 60	94 65	91 59	85 46	85 55	84 55	90 48	90 51	91 48	94 55	91 56	92 54	96 56	96 57	94 57	89 59	92 60	89 59	88 61	91 59	92 59	83 66	92 65	98 67	97 65	90.6 57.2		
ANDEN 3 NW	MAX MIN	86 55	85 55	76 59	78 63	85 62	88 62	88 63	89 66	89 63	82 48	80 49	83 53	85 54	87 50	88 42	88 56	91 60	90 58	89 61	92 61	93 61	91 61	85 62	86 61	90 59	83 63	87 63	87 63	86 63	91 65	95 67	86.9 58.9		
HATCH 4 N	MAX MIN	83 53	81 59	78 64	84 61	88 60	87 61	91 62	91 68	89 68	80 48	83 53	84 61	85 55	82 58	87 59	90 62	89 62	89 57	90 62	90 62	89 59	88 62	87 62	85 62	85 61	90 64	87 64	85 65	92 65	95 67	95 70	87.1 60.9		
CLAYTON	MAX MIN	84 57	83 58	83 60	85 61	84 62	85 65	89 66	89 67	89 62	88 48	81 52	80 56	81 60	84 57	86 59	87 63	90 64	88 63	89 65	92 65	91 65	89 65	86 62	84 62	78 63	78 55	83 53	81 65	82 61	86 61	90 65	85.3 60.9		
ENTERPRISE	MAX MIN																																		
LAULA WILDLIFE REF	MAX MIN	86 54	87 54	88 54	87 58	88 51	92 51	93 62	92 61	89 59	83 44	83 46	84 48	88 47	90 45	89 49	95 56	94 58	93 55	95 56	94 59	94 58	93 58	87 59	89 56	83 68	90 59	90 69	89 64	91 63	93 63	93 62	89.7 56.5		
VERGREEN	MAX MIN	85 51	83 52	80 62	81 58	85 59	88 59	89 62	88 65	89 62	82 46	81 47	84 56	84 52	88 52	89 53	90 58	92 60	89 59	90 60	91 61	92 59	90 60	88 63	89 61	87 62	81 61	87 61	85 64	85 64	89 66	92 65	86.9 58.7		
FRISCO CITY	MAX MIN	85 53	84 58	82 63	78 60	85 61	88 61	86 64	88 67	89 60	81 47	80 47	84 57	83 53	86 55	85 56	88 58	92 61	90 58	89 60	91 60	91 59	89 62	88 63	87 63	83 61	83 59	85 63	88 66	86 65	91 66	94 66	86.4 59.9		
GENEVA 2	MAX MIN	86 50	87 57	85 55	87 59	87 59	89 63	91 62	89 67	89 61	82 50	83 54	83 57	83 51	87 54	87 55	89 53	91 60	88 59	89 62	92 60	92 64	90 64	87 64	88 63	88 62	86 65	84 61	89 62	85 63	90 67	93 66	87.5 59.7		
WILBERTOWN	MAX MIN	82 51	79 54	76 62	83 59	87 58	87 60	87 60	88 49	84 47	85 46	85 46	86 58	87 52	84 52	87 53	90 56	87 59	89 53	91 53	91 60	89 58	88 62	90 64	89 65	90 64	87 57	89 62	89 65	94 65	98 64	92 65	87.4 57.4		
GREENVILLE	MAX MIN																																		
HEADLAND	MAX MIN	84 53	85 53	86 60	87 60	90 63	90 63	91 65	92 64	93 63	93 48	84 58	83 58	84 53	87 56	89 57	91 57	93 58	90 62	92 66	93 63	93 65	90 66	87 64	88 63	80 66	83 63	89 64	83 61	84 63	89 67	90 65	88.2 60.9		
HIGHLAND HOME	MAX MIN	86 52	84 54	85 54	86 58	87 58	88 60	91 62	89 66	90 60	84 46	83 47	85 51	85 53	86 54	87 55	89 58	92 60	90 60	91 62	94 60	95 60	92 63	89 61	89 60	85 61	85 63	88 62	84 61	85 63	91 64	94 66	88.1 58.5		
OZARK 6 NNW	MAX MIN	84 54	83 59	85 59	85 60	88 63	89 63	89 65	91 67	88 61	82 48	82 55	84 57	87 59	89 58	91 60	92 62	88 63	91 62	95 66	92 65	88 65	88 65	88 62	84 61	79 65	86 63	84 63	83 62	91 67	94 67	94 67	87.5 61.7		
PITTSVIEW	MAX MIN	86 56	85 55	86 56	86 55	86 56	87 56	91 58	91 61	91 61	84 39	80 42	83 46	83 46	87 44	87 44	90 49	87 53	87 57	90 56	93 55	90 57	92 61	94 57	88 60	85 60	73 60	82 61	90 65	86 61	90 64	90 63	87.2 55.3		
THOMASVILLE	MAX MIN	85 55	86 55	86 62	78 63	84 61	87 62	88 63	88 66	91 63	83 46	80 47	84 51	86 53	86 54	82 55	88 59	91 60	92 57	88 61	88 60	90 61	91 61	89 61	90 62	89 61	86 62	86 63	88 64	87 66	92 68	97 67	87.3 59.4		
TROY	MAX MIN	84 61	84 60	87 60	86 60	87 60	92 63	90 65	91 66	84 61	83 47	83 54	84 58	87 58	87 59	89 56	93 62	91 63	92 61	93 64	93 61	91 65	90 67	90 64	83 62	81 64	85 63	85 64	87 66	93 62	95 67	95 67	88.2 61.6		
WHATLEY	MAX MIN	88 50	82 49	83 50	88 55	90 52	92 54	92 55	91 60	92 61	77 45	80 47	83 48	83 49	85 50	88 49	89 57	90 58	90 52	91 59	91 57	90 58	90 59	89 62	89 61	88 60	88 58	88 57	89 58	93 65	98 66	97 66	88.5 55.7		
• • •																																			
WILF	08																																		
BAY MINETTE	MAX MIN	83 53	75 63	78 64	84 61	85 63	85 64	87 65	90 69	81 62	81 54	83 62	83 63	85 48	85 62	87 62	89 62	86 62	88 62	89 65	91 64	87 63	86 65	88 66	85 53	85 63	82 66	88 66	86 66	90 67	93 68	93 76	85.7 62.9		
WOODEN	MAX MIN	79 55	79 67	79 62	81 61	81 63	82 67	84 67	87 70	85 62	82 59	79 59	81 61	84 57	86 60	79 61	85 58	84 60	85 58	85 60	87 60	83 60	83 62	85 62	85 62	83 61	84 63	86 62	84 65	87 69	91 70	90 69	83.8 62.4		
DAUPHIN ISLAND 2	MAX MIN	79 68	77 71	76 70	81 67	81 69	78 70	81 70	82 72	85 68	84 63	79 65	77 69	77 66	82 70	83 69	84 72	85 72	82 72	82 70	84 71	84 71	84 73	83 70	84 71	85 69	85 73	83 71	87 68	86 75	88 77	90 77	82.7 70.4		
FAIRHOPE 2 NE	MAX MIN	81 53	83 54	73 67	78 61	83 62	84 65	85 65	84 66	87 63	85 57	82 62	82 62	83 57	85 59	85 63	84 60	87 61	87 60	88 61	88 60	87 62	88 64	88 64	87 64	87 62	84 63	84 64	88 64	84 67	89 72	92 69	85.0 62.4		
MOBILE WSO AP	MAX MIN	82 59	71 70	79 67	82 64	83 66	83 67	86 66	89 68	84 66	81 59	82 64	82 64	85 61	84 63	86 64	88 65	86 64	87 63	89 64	91 65	85 65	87 66	88 66	87 67	86 64	84 67	89 67	90 67	89 71	95 74	93 68	85.6 65.5		
ROBERTSDALE	MAX MIN	84 52	82 53	76 66	79 61	83 60	84 62	84 64	86 65	90 64	85 56	84 56	82 62	85 57	86 57	85 58	88 60	90 60	86 61	90 61	90 61	91 61	87 63	87 64	92 64	89 62	87 62	83 65	88 65	90 67	88 68	93 70	86.3 61.5		



# DAILY SOIL TEMPERATURES

ALABAMA  
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STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN AGRONOMY FARM	(1N)																																		
	2	MAX	95	95	93	94	96	99	100	98	97	87	90	93	92	96	92	97	99	99	99	103	99	99	87	87	77	83	91	85	90	92	86	93.2	
	MIN	70	69	69	69	69	70	71	73	70	59	59	62	65	65	66	71	71	72	73	74	74	72	68	68	68	69	68	72	71	74	72	69.1		
	4	MAX	90	91	89	90	92	94	95	94	93	85	86	89	88	92	86	92	94	95	95	97	94	96	86	85	77	81	88	82	85	87	84	89.4	
	MIN	72	72	71	72	72	73	74	76	74	74	64	63	65	67	69	71	74	73	75	76	77	76	75	72	69	70	71	70	72	73	76	73	71.8	
	8	MAX	82	83	83	83	85	87	88	97	85	81	80	82	82	85	81	85	86	87	88	90	88	89	81	81	75	78	81	77	79	82	78	83.5	
	MIN	73	72	73	73	73	74	76	77	74	66	65	67	70	71	71	74	74	76	76	77	76	77	76	72	70	71	71	72	72	76	73	72.7		
BREWTON 3 ENE	(1N)																																		
(BARE GROUND)	4	MAX	92	90	83	83	94	95	92	92	92	88	89	89	92	94	92	94	96	94	93	94	98	98	94	92	95	92	88	90	92	85	89	97	91.8
	MIN	65	66	69	67	67	69	73	76	70	64	64	69	69	69	69	69	69	73	73	73	69	75	76	74	74	75	74	73	73	73	73	70.8		
HEADLAND	(1N)																																		
	4	MAX	88	89	88	89	88	91	95	95	95	88	88	89	90	92	93	94	92	95	93	91	93	89	87	92	85	87	93	82	84	89	90	90.1	
	MIN	65	68	71	72	63	75	75	75	75	71	70	73	72	72	74	75	75	75	77	76	77	75	74	73	72	75	74	73	73	72	75	75	73.0	
MARION JCT 2NE	(1N)																																		
	4	MAX	84	82	75	75	81	87	88	88	91	88	85	85	86	88	84	87	90	89	90	89	91	92	82	86	86	82	90	87	84	92	93	86.4	
	MIN	66	68	67	69	67	68	69	72	74	68	69	68	69	69	70	69	71	74	73	73	75	77	72	72	72	72	75	73	75	74	74	78	71.3	
PITTSVIEW	(1N)																																		
	4	MAX	85	86	86	86	87	88	90	91	90	89	87	87	86	88	88	88	88	90	90	88	90	89	88	84	78	83	90	81	85	88	86	87.1	
	MIN	70	72	72	72	72	72	72	75	75	70	70	69	70	70	70	71	71	71	71	75	72	74	76	73	73	72	74	74	73	72	74	72.2		
THORSTBY EXP STATION	(1N)																																		
	4	MAX	82	80	77	83	84	86	87	88	82	85	85	84	89	90	89	90	87	86	85	86	87	85	88	88	86	88	84	81	86	92	92	85.9	
	MIN	65	64	69	68	69	70	71	72	71	65	66	68	69	70	69	70	73	72	73	72	73	72	70	70	72	73	71	77	72	72	75	70.4		
WINFIELD 2 SW	(1N)																																		
	4	MAX	85	85	76	73	75	84	87	90	94	89	86	88	88	91	91	92	89	90	85	84	85	84	79	80	88	82	80	82	84	90	90	85.4	
	MIN	64	65	67	66	66	68	70	70	70	70	64	64	67	67	67	69	70	71	74	74	75	71	71	69	69	74	72	70	70	72	76	75	69.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

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STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP WIND MAX MIN	.27 85 86 50	.18 81 80 62	.18 83 78 63	.09 44 81 65	.24 45 94 65	.28 48 92 65	.26 78 92 67	.25 60 92 66	.38 130 92 59	.29 128 80 43	.30 63 83 49	.28 48 87 55	.28 34 87 56	.26 32 90 58	.24 36 91 62	.24 47 90 64	.25 37 92 66	.31 42 92 66	.28 39 91 66	.32 67 89 65	- 109 81 65	.28 50 87 63	.17 49 91 65	.12 35 84 67	.10 39 87 67	.21 72 89 65	.16 41 84 68	.21 28 99 68	.26 41 92 63	.38 84 94 68	7.608 1843 87.7 62.2	
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.20	.21	.12	.07	.08	.24	.25	.26	.24	.37	.26	.22	.23	.25	.23	.27	.22	.21	.27	.22	.36	.29	.15	.10	.25	.13	.13	.16	.20	.22	.28	6.71
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP WIND MAX MIN	.24 31 91 63	.27 39 88 62	.34 42 85 62	.25 35 85 63	.28 34 86 64	.28 36 90 64	.29 43 92 66	.30 35 92 66	.29 41 91 65	.41 96 85 47	.22 65 83 48	.25 36 87 51	.35 42 82 58	.25 52 90 62	.31 21 91 62	.28 26 90 65	.30 31 91 65	.34 32 93 65	.29 33 91 65	.44 33 92 65	.18 48 86 63	.23 47 88 63	.13 72 84 63	.27 28 92 64	.23 33 84 66	.11 - 88 67	- 24 88 70	- 20 93 67	.18 11818 85 67	8.408 11818 87.9 62.3		
MARTIN DAM		EVAP WIND	.18 25	.20 25	.20 24	.14 18	.19 23	.20 21	.21 25	.23 33	.14 102	- 44	.21 22	.23 24	.26 33	.22 32	.20 31	.19 24	- 22	.12 34	.27 37	.18 27	.23 26	.16 58	.15 57	.20 89	.25 36	.15 47	.28 21	.08 20	.23 31	.13 26	.28 42	6.108 1079
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP WIND MAX MIN	.24 23 93 60	.25 47 86 59	.04 63 71 62	.10 58 80 62	.14 40 88 64	.18 40 92 60	.20 23 94 66	.21 19 94 62	.26 46 95 62	.28 72 96 62	.36 44 97	.26 27 99	.09 17 95	.21 15 90	.07 24 89	.18 18 91	.20 24 89	.23 24 93	.40 23 96	.23 28 98	.32 35 98	.27 53 98	.04 39 97	.32 60 95	.17 36 87	.37 36 91	.16 38 96	.21 22 97	.32 16 98	.26 28 105	6.75 1134 -	
GULF 08																																		
FAIRHOPE 2 NE		EVAP WIND MAX MIN	.21 10 95 60	.24 21 95 59	.09 16 73 65	.19 3 86 65	.21 9 95 65	.15 3 99 66	.22 4 95 69	.23 24 97 69	.25 20 99 65	.27 22 95 58	.18 17 90 60	.18 11 89 63	.28 30 91 63	.20 19 89 66	.29 30 93 64	.23 18 97 64	.24 12 96 64	.22 23 93 64	.26 17 98 65	.26 13 98 65	.25 9 98 65	.14 8 90 65	.22 19 95 65	.26 25 92 66	.26 30 93 66	.18 15 92 67	.35 25 98 68	.17 13 93 70	.23 12 100 72	.26 25 98 72	6.72 533 93.6	

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ALABAMA

MAY

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S. RICHBURG
ADOLPHSON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GODSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J. HAROY JR.
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	5P	5P		H	ALA. COMMUNITY NETWORK
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W. MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	MID	MID		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTLAUGVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B. NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE	0583	08	BALDWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L. BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MID	MID		H	VALLEY CRK W-TRMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MID	MID		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K. STYRON
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L. HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G. FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS. ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CHILBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS. ELIZABETH M. WESTON
CODEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M. ODEGER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	COLBERT STEAM PLANT
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R. O. HEARD
CORONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A. BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R. N. HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M. H. RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS. HELEN E. FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		C H	MRS. CLOYE F. JACKSON
EUFALA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFALA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P. ROBISON
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M. DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	5P	5P		H	CLOSED 4/30/77
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J. BEARD
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS. CLAYDS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C. REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 36	430	6A	6A		C	CHUCK S HEARTSILL
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MIO	MIO	MIO	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220				C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	H. WAYNE MC FARLEN
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERSDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EODINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	7	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWW
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MIO		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
MAY 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J. CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAITSON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARD
TUSCALOOSA FFA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FEO. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		7A			INACTIVE 4/25/76
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	C	ROBERT A. MOORE, JR.
CLOSED STATIONS												
FLORENCE	2971	01	LAUDERDALE	12	34 48	87 41	578	SP	SP		H	CLOSED 4/30/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in  $^{\circ}\text{F}$ , precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from  $65^{\circ}\text{F}$ . In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-8%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thornshy Exp. Station	: Pine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- .. Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- | Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

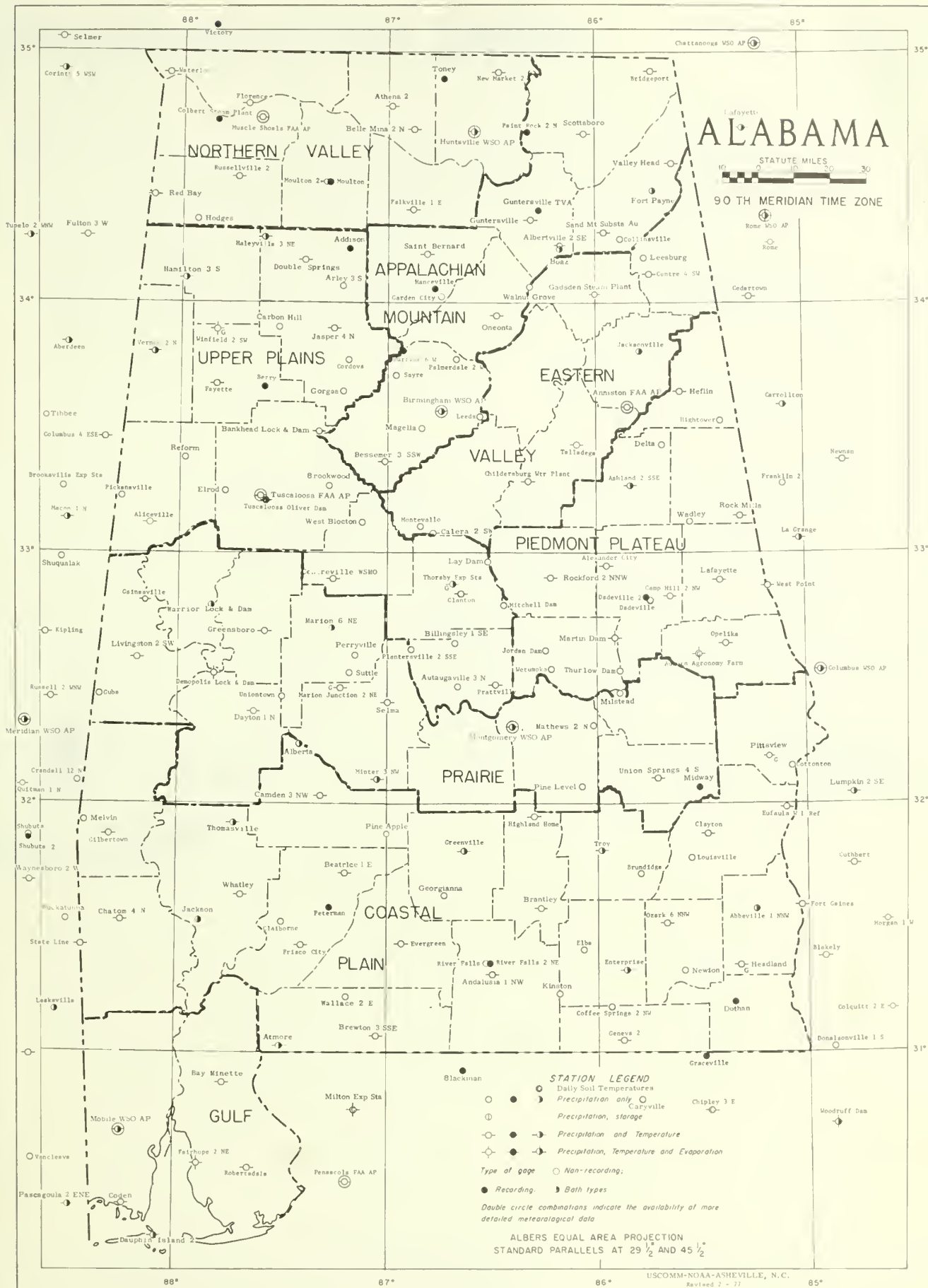
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1988 may be found in the publication "Substation History" for this State, price 38 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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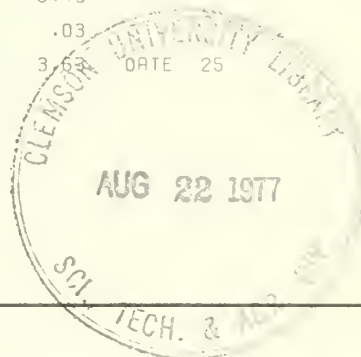
# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 2 STATIONS 103 DATE 13+  
 LOWEST TEMPERATURE: VALLEY HEAD 39 DATE 08  
 GREATEST TOTAL PRECIPITATION: KINSTON 8.43  
 LEAST TOTAL PRECIPITATION: DAUPHIN ISLAND 2 .03  
 GREATEST 1 DAY PRECIPITATION: JACKSONVILLE 3.6 DATE 25



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	30	3.3	6.6	40	W	13	76	82	47	48	7	2	4	0	0	0	13	70	4.9		
HUNTSVILLE WSO AP	28	2.3	7.2	37++	23	17	81	84	51	58	5	3	4	1	1	0	14	-	4.5		
MOBILE WSO AP	22	3.4	7.1	21++	18	16	84	90	52	62	1	3	2	1	0	0	7	-	4.0		
MONTGOMERY WSO AP	27	2.9	5.9	38	N	06	73	80	43	46	0	5	2	0	1	0	8	79	4.2		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JUNE 1977

STATION	TEMPERATURE										PRECIPITATION																
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	1.50 OR MORE	1.00 OR MORE				
										32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	89.4	62.3	75.9		99	13	42	9+	8	16	0	0	0	3.22		1.47	18	.0	0		6	1	1				
BELLE MINA 2 N	88.2	63.6	75.9		97	14	46	8	5	14	0	0	0	2.88		1.38	18	.0	0		7	2	1				
FALKVILLE 1 E	88.6	62.0	75.3		95	25	40	8	10	15	0	0	0	2.65		.95	27	.0	0		4	2	0				
HUNTSVILLE WSO AP	88.6	65.7	77.2	.3	97	6	48	8	0	14	0	0	0	2.40	- 1.57	1.09	17	.0	0		6	2	1				
MOULTON 2	90.5	65.2	77.9		99	11+	51	8	0	21	0	0	0	4.02		.93	6	.0	0		7	3	0				
MUSCLE SHOALS FRA AP	89.8	66.2	78.0	-.6	100	12+	48	8	0	18	0	0	0	4.92	1.91	2.75	17	.0	0		9	1	1				
NEW MARKET 2	92.1M	65.7M	78.9M		98	12+	51	8	0	25	0	0	0	2.44		.81	14	.0	0		2	0	0				
REO BAY	89.5	61.1	75.3		98	14	42	8	7	19	0	0	0	3.16		.62	20	.0	0		9	3	0				
RUSSELLVILLE 2																											
WATERLOO																											
DIVISION			76.8		.1									3.21	- .26			.0									
APPALACHIAN MOUNTAINS 02																											
BESSEMER 3 WSW	93.3	64.8	79.1		99	14+	44	8	0	24	0	0	0	6.43	2.07	2.20	18	.0	0		9	5	1				
BIRMINGHAM WSO AP	92.2	67.3	79.8	2.4	99	13+	47	8	0	22	0	0	0	.96	- 3.04	.45	18	.0	0		4	0	0				
GUNTERVILLE	91.7	62.2	77.0		98	14+	47	8	5	21	0	0	0	2.59		1.49	18	.0	0		4	1	1				
ONEONTA	91.8	63.5	77.7	1.8	100	14	43	8	4	21	0	0	0	.75	- 3.13	.58	27	.0	0		2	1	0				
SAINT BERNARD	91.2	63.6	77.4	1.7	99	14	44	8	4	22	0	0	0	2.03	- 1.74	.53	7	.0	0		5	1	0				
SAND MT SUBSTA AU	86.7	63.7	75.2		95	14+	43	8	7	11	0	0	0	1.66		.79	18	.0	0		3	1	0				
SCOTTSDORO	89.8	61.1	75.5	-.3	97	14	41	8	8	19	0	0	0	2.50	- 1.37	1.00	14	.0	0		7	1	1				
VALLEY HEAD	85.5	58.9	72.2	- 1.8	94	14	39	8	17	8	0	0	0	1.50	- 2.48	.58	7	.0	0		6	1	0				
DIVISION			76.7		.8									2.30	- 1.54			.0									
UPPER PLAINS 03																											
ALICEVILLE	94.9	66.3	80.6		101	12	47	8	0	25	0	0	0	.37	- 2.80	.30	20	.0	0		1	0	0				
BANKHEAD LOCK AND DAM	94.0	66.9	80.5		100	24	52	9+	0	27	0	0	0	2.05	- 1.90	.74	25	.0	0		5	2	0				
CENTREVILLE WSMO	93.9	65.8	79.9		100	13+	52	8	0	27	0	0	0	1.76		.69	24	.0	0		3	2	0				
CLANTON	94.5	65.0	79.8	2.2	101	12	46	8	0	28	0	0	0	2.53	- 1.66	1.00	24	.0	0		4	3	1				
DOUBLE SPRINGS	90.0	64.2	77.1		98	13+	46	8	3	17	0	0	0	2.03		.96	18	.0	0		3	2	0				
FAYETTE	93.2M				101	13																					
HALEYVILLE 3 NE	91.1M	62.0M	76.6M																								
HAMILTON 3 S	91.2	60.1	75.7	-.9	98	14+	46	9+	1	0	0	0	0	2.52	- 1.50	1.84	14	.0	0		4	1	1				
JASPER 4 N	92.1	63.9	78.0		99	12	44	8	7	22	0	0	0	1.11		.36	17	.0	0		3	0	0				
PRATTVILLE									2	19	0	0	0	2.45		1.13	14	.0	0		5	1	1				
														2.91	- 1.66			.0									
THORSBY EXP STATION	93.8	66.8	80.3		99	11	50	8	0	28	0	0	0	2.83		1.05	18	.0	0		4	2	2				
TUSCALOOSA FRA AP	93.0	66.4	79.7	-.9	100	11+	47	8	0	26	0	0	0	1.58	- 2.04	1.26	18	.0	0		3	1	1				
TUSCALOOSA OLIVER DAM	92.6	66.2	79.4		100	12	49	8	1	24	0	0	0	2.55	- 1.03	1.95	19	.0	0		2	1	1				
VERNON 2 N	92.7	62.5	77.6		99	13+	41	8	5	24	0	0	0	.41		.18	20	.0	0		2	0	0				
WINFIELD 2 SW	91.3	62.7	77.0		98	25+	45	8	4	22	0	0	0	1.61	- 1.83	.91	7	.0	0		2	1	0				
DIVISION			78.6		1.0									1.91	- 2.13			.0									
EASTERN VALLEY 04																											
ANNISTON FRA AP	92.3	65.8	79.1		100	13	47	8	0	22	0	0	0	2.85		1.56	26	.0	0		5	2	1				
CALERA 2 SW	95.5	62.4	79.0		100	21+	41	8	0	30	0	0	0	3.91	- .40	1.70	19	.0	0		5	2	2				
CENTRE 4 SW	90.4	64.3	77.4		98	13+	44	8	4	19	0	0	0	1.01		.26	27+	.0	0		4	0	0				
CHILDERSBURG WTR PLANT	95.9	65.2	80.6		100	13+	44	8	0	27	0	0	0	.91	- 3.64	.47	23	.0	0		3	0	0				
GAOSEN STEAM PLANT	90.3	64.9	77.6	1.1	100	13	48	8	3	17	0	0	0	3.24	- .50	1.45	18	.0	0		5	3	1				
TALLADEGA	93.7	63.4	78.6	1.7	99	14+	42	8	2	25	0	0	0	2.20	- 2.17	1.80	27	.0	0		3	1	1				
DIVISION			78.7		2.0									2.35	- 1.82			.0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	94.4	64.8	79.6		100	14	49	8	0	28	0	0	0	1.76	- 2.67	1.12	18	.0	0		4	1	1				
ASHLAND 2 SSE	88.8	64.1	76.5		95	14	48	9	0	15	0	0	0	2.91		1.55	19	.0	0		6	1	1				
AUBURN AGRONOMY FARM	91.9	67.5	79.7	2.0	97	23	54	9	0	24	0	0	0	1.06	- 3.19	.51	27	.0	0		4	1	0				
HEFLIN	89.8	61.6	75.7		97	14+	40	8	11	17	0	0	0	4.60		1.30	22	.0	0		8	4	2				
LAFAYETTE	94.9	64.9	79.9		100	11+	47	8	0	29	0	0	0	2.65		.95	18	.0	0		5	2	0				
MARTIN DAM	92.2	66.1	79.2		99	13+	47	8	0	25	0	0	0	3.30	- .95	2.40	19	.0	0		4	1	1				
OPELIKA	92.9	64.6	78.8		98	22	49	9	0	26	0	0	0	.35		.13	1	.0	0		1	0	0				
ROCKFORD 2 NNW	93.0	63.8	78.4		99	13+	47	8	0	28	0	0	0	4.18		1.11	19	.0	0		7	3	1				
ROCK MILLS	92.9	62.2	77.6	.8	99	14	45	9+	2	26	0	0	0	2.35	- 1.35	.96	19	.0	0		5	1	0				
DIVISION			78.4		1.6									2.57	- 1.59			.0									
PRAIRIE 06																											
DAYTON 1 N	95.0	68.0	81.5		100	25+	49	8	0	27	0	0	0	2.64	- 1.00	1.33	14	.0	0		3	3	1				
DEMOPOLIS LOCK AND DAM	94.2	64.9	79.6		100	24+	46	8	0	26	0	0	0	3.03	- .25	2.64	25	.0	0		3	1	1				
GAINESVILLE	95.8	67.9	81.9		101	24	50	8	0	27	0	0	0	1.09	- 2.12	.73	29	.0	0		3	1	0				
GREENSBORO	95.6	67.6	81.6	2.4	101	12+	49	8	0	28	0	0	0	2.81	- .74	1.40	19	.0	0		4	2	2				
HAYNEVILLE	94.2	71.8	83.0		100	13	57	8	0	27	0	0	0	2.77	- .65	1.00	30	.0	0		5	2	1				
LIVINGSTON 2 SW	95.9	66.1	81.0		102	30+	51	8	0	26	0	0	0	1.07	- 2.32	.40	7	.0	0		4	0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

JUNE

1977

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DRY DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
											32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW										
MARION JUNCTION 2 NE	R	94.0	65.5	79.8		100	12	50	9+	0	28	0	0	0	2.74	-1.47	.96	24	.0	0		5	3	0
MINTER 3 NW		95.6	68.4	82.0		103	13	50	8	0	28	0	0	0	1.33		.43	20	.0	0		5	0	0
MONTGOMERY WSO RP		95.0	70.1	82.6	3.7	101	12	56	9+	0	28	0	0	0	1.82	-2.21	1.05	19	.0	0		3	1	0
SELMA		92.0	70.1	81.1	1.2	100	12	55	9	0	20	0	0	0	1.59	-2.43	.57	20	.0	0		5	1	0
UNION SPRINGS 4 S		94.3	65.8	80.1	1.6	98	24	51	8	0	28	0	0	0	1.14	-3.01	.65	18	.0	0		4	1	0
DIVISION				81.3	2.3										2.00	-1.88			.0					
CORSTAL PLAIN 07																								
ANDALUSIA 1 NW		91.8	63.3M	77.6M	-1.9	100	13	48	9+	0	22	0	0	0	5.19	.61	1.80	16	.0	0		8	4	1
ATHORE		94.9	69.4	82.2		98	30+	58	9+	0	28	0	0	0	2.04		1.30	2	.0	0		4	1	1
BEATRICE 1 E		94.9	70.7	82.8		98	12	60	8	0	30	0	0	0	2.43	-1.65	1.97	25	.0	0		3	1	1
BRANTLEY		94.0	61.8	77.9		99	14	47	8	0	28	0	0	0	3.62	-.83	.73	20	.0	0		8	3	0
BREWTON 3 ENE		94.4M	66.2M	80.3M		99	13	51	8	0	28	0	0	0	3.06		.92	2	.0	0		6	3	0
BREWTON 3 SSE		97.7	65.5	81.6	3.0	103	12	47	8	0	30	0	0	0	6.26	.76	3.55	30	.0	0		7	2	2
CAMDEN 3 NW		95.8	65.2	80.5		100	23	51	9+	0	28	0	0	0	1.04		.31	7	.0	0		4	0	0
CHATOM 4 N		94.8	68.3	81.6		99	12	52	8	0	29	0	0	0	4.89		2.00	25	.0	0		6	3	2
CLAYTON		92.4	67.6	80.0		97	23	57	8	0	27	0	0	0	1.66	-2.49	.56	24	.0	0		5	1	0
ENTERPRISE																								
EUFULA WILDLIFE REF		95.2	63.7	79.5	-.2	100	12	48	8	0	29	0	0	0	2.42	-2.32	.71	25	.0	0		5	3	0
EVERGREEN			66.6					52	8			0	0	0	2.31	-2.76	.70	7	.0	0		7	2	0
FRISCO CITY																								
GENEVA 2		94.0	67.2	80.6		99	12	55	8	0	28	0	0	0	1.16		.28	16	.0	0		5	0	0
GILBERTOWN		94.8	66.7	80.8		99	11	47	8	0	29	0	0	0	2.16		.76	29	.0	0		5	2	0
GREENVILLE																								
HEADLAND		94.5	67.8	81.2		102	13	55	8	0	28	0	0	0	2.13		-.86	15	.0	0		6	2	0
HIGHLAND HOME																								
OZARK 6 NNW		95.4	69.3	82.4	3.1	102	11	57	8	0	29	0	0	0	1.36	-3.24	1.00	19	.0	0		3	1	1
PITTSVIEW		94.8M	63.1M	79.0M		100	22	47	8	0	0	0	0	0	1.04		-.51	22	.0	0		2	1	0
THOMASVILLE		95.3	66.6	81.0	2.2	102	12	51	8	0	28	0	0	0	3.80	-.17	1.50	14	.0	0		7	3	1
TROY		94.5	68.0	81.3	2.4	100	12	54	8	0	28	0	0	0	1.87	-1.66	.72	21	.0	0		5	1	0
WARTLEY		96.5	66.0	81.3		101	11	49	8	0	29	0	0	0	5.35	1.22	1.67	25	.0	0		7	3	3
DIVISION				80.6	1.6										2.83	-1.67			.0					
GULF 08																								
BRAY MINETTE																								
CODEN		90.9M	70.7M	80.8M		93	29+	57	8	0	25	0	0	0	.36		.28	1	.0	0		1	0	0
ORAPHIN ISLAND 2		89.8	77.1	83.5		92	25+	71	8+	0	20	0	0	0	.03		.03	1	.0	0		0	0	0
FRITHOPE 2 NE		92.2	72.5	82.4	2.4	97	23	59	9	0	25	0	0	0	.71	-5.93	.57	1	.0	0		2	1	0
MOBILE WSO RP		92.7	73.0	82.9	2.6	97	24	60	8	0	26	0	0	0	1.26	-4.83	.63	1	.0	0		3	1	0
ROBERTSDALE		92.9	70.4	81.7	2.6	97	12	57	9+	0	28	0	0	0	1.15	-5.88	.50	25	.0	0		4	1	0
DIVISION				82.3	2.2										.70	-5.36			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
JUNE 1977

STATION		TOTAL	DAY OF MONTH																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																		
ATHENS 2		3.22		.04			.25						.32	.08	.04	.40	1.47	.05	.28	.23									.04	.02				
BELLE MINA 2 M		2.88		.06			.20						.53	.05	.10	.03	1.38	.22	.12	.06									.02	.11				
FALWILLE 1 E		2.55		T			.20						.46	.03	.08	T	.90			.03										.95				
KODGES		3.73					.06						1.05	.05	.05	.75	.33	.10											.07	.37				
HUNTSVILLE WSO AP		2.40		.06		.13						.17	T	.08	T	1.09	.50	T	.19									T	.16			.04		
MOLTON 2		4.02		.02		.93						.91	.37	.07	T	.66	.05	.47	.28										.02	.24				
MUSCLE SHOALS FAR AP		4.92		.11		.26						.48	.09	.11	T	2.75	.41	.42										.14	.15					
NEW MARKET 2		2.44		-	-	-							.81	.11		.48		.80											x	.20				
RED BAY		3.18					.04						.60	.11		.05	.33	.47	.57	.62	.13	.03								.11				
RUSSELLVILLE 2							.14																											
WATERLOO																																		
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW		6.43				.22						.61				2.20	.31			.79	.62								.40		.97	.31		
BIRMINGHAM WSO AP		.96				.03						T	T		T	T	.45	.12	T	T								T	.22					
BOAZ		1.17										.12	T		.07	T	.05	.20	.45	.06								T						
CALLINSVILLE		2.58					.13					.15			.55	1.13	.15			.15										.47				
FORT PAYNE		1.70					.05					.05			.05	.13	T	.53												.08	.81			
GADSDEN		1.82					.13					T				.68		.15			.35								.26	T	.25			
GAINESVILLE		2.50					.02					.21	.07		.01	1.49	T			.08									.45	.26				
LEEDS		2.13					.08								T	T	.10			.08	.13	1.47							.03			.26		
PONCAH		.75													T	T	.04	.02	.11										T	.58				
PALMERDALE 2 W		3.18					.10					.02				.35				.68	1.30	.25	.46						.25	.46				
SAINT BERNARD		2.03					.53					.03	.25		.02	T		.48	.05	.03								.21	T	.30		.43		
SAND MT SUBSTA AU		1.66					.09					.38	.02	.78	.06		.02			.06														
WAYNE		2.91					.05					.03			.00	.30	.76	1.02		.60								.07	.30					
SCOTTSBORO		2.50					.17					1.00	T			.16	.02	.22											.44	.05		.29	.15	
VALLEY HEAD		1.50					.58				.02	.27	.04		T	T	.10	.03	T	.12	T							.02	.10	.22	T	T		
WARRIOR 6 W		1.64					.14									.06	.14												.34	1.16				
UPPER PLAINS 03																																		
ALICEVILLE		.37											T	T		T	.02		.30													.05		
ARLEY 3 S		3.33					.24					1.73	.02			.15	.20			.12									.46	.41				
AUTUGRAVILLE 3 N		1.13					.33									.09		.51											.20					
BANKHEAD LOCK AND DAM		2.05					.20									.07	.09	.10	.58									.22	.74	.04				
BILLINGSLEY 1 SE																																		
BROOKWOOD		3.31					.05				.02					.34	.48	.16			T								T			1.36		
CARDEN HILL		.92			.25							T	.05		.25	.37					T													
CENTREVILLE WSMO		1.76					.06					.09			.16	.02	.35	.06	.03	.02	.01	.69	.61								.01			
CLANTON		2.53					.30					.08	.60			.55					1.00													
CORDOVA 2 ENE		3.23					.34					.04				.62	.50			.22	1.05	.10												
DOUBLE SPRINGS		2.03					.26					.72	.02		.01	.02	.96		.02															
ELMO		.98					.22					.10					.16		.02		.28	.11							.28	.11				
FAYETTE		2.07					.22									1.10	.45			.40	1.34	.06							.40					
GORGAS		2.77					.23									.21	.71			1.52	.02	.08							.02	.08				
HALEYVILLE 3 NE		2.52					.31					1.84			.15	T	.15					.03	.04						.03	.04				
HAMILTON 3 S		1.11					.06					T	.01		.02	.36	.28	.06											.04	.27				
JASPER 4 M		2.45					.29					1.13	.02		.08	.02	.38												.18	.34				
LEY DAM		2.07				.35										.46		.12		.69	.38								.18	.34				
MITCHELL DAM		2.16				.40									.08	.37		.10		.03										.07		.14		
PICKENSVILLE																																		
PLANTERSVILLE 2 SSE		2.05					.50									.30						.10										1.15		
PRATTVILLE		2.81					.20									x	1.32			.33	.66										.40			
REFORM 2 E		5.84					.13									.46	.35	.07		1.12									1.14	.01	.33		.23	
THURSDAY EXP STATION		2.83					.47									1.05	.20	.05		1.02									.04					
TUSCALOOSA FAR AP		1.58				.01					T	.02	.18			1.26	.11	.20	.05															
TUSCALOOSA OLIVER DAM		2.55					.04								.05		1.95	.02		.08												.01		
VERNON 2 N		.41					.20								.07	.13	.18													.03				
WEST BLOCTON		.52					.20								.01	.02	.30												.30			.02		
WINFIELD 2 SW		1.61					.91					T	.03		.01	.02	.45	.08	T	T								T	.07	.04				
EASTERN VALLEY 04																																		
ANNISTON FAR AP		2.85			.34						.03				T	.54	.03	T		.10		.31	1.30	T	1.56						T	.25		
CALERA 2 SW		3.81					.20										.12	.40																
CENTRE 4 SW		1.01					.06								.06	T	.26	.12	.04			.12	1.30							.26		T	.08	
CHILDERSBURG MTR PLANT		.91						.07								.23	.14			.47														
GADSDEN STEAM PLANT		3.24					.01					.16				1.45	.62	.82	.03	.02										.13				
JACKSONVILLE		5.24					.04				T					1.01	.28	.06			.04	3.63	.18											
LEESBURG		.95					.07							.11	.15	.10				.09										.43				
MONTVALLO		1.92					.20							.05	T	.14	.04				.98								.15	1.80	.04		.25	
TALLADEGA		2.20																																
WALNUT GROVE		1.26									.26					.30	.33														.37			
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY		1.76</																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

ALABAMA  
JUNE 1977

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MILSTEAD	1.59							.58									.15			T	.15				.73								
HINTER 3 NW	1.33							.14								.25	.25			.18	.43					.08							
MONTGOMERY WSO AP	1.62						.07									.25	.04	.42	.20	1.05	.12			.08	.27					.08	.03		
PERRYVILLE	1.13							.12																	.05								
PINE LEVEL	.89		.09					.18										.21			.29	.08			.04							.37	
SELMA	1.38							.18									.19			.09	.57				.32	.22						.04	
SUTTLE	2.81																								.72	.05							.74
UNION SPRINGS 4 S	1.14							.12				.15							.74		.85												
UNIONTOWN	.30													.14												.16							
WARRIOR LOCK AND DAM	3.14													.01			.74		.42				.08			.14	1.55			.20			
* * *																																	
COASTAL PLAIN	07																																
ABBEVILLE 1 NW	.78														.30						.13				.20		.15					T	
ALBERTA	2.11							.04							.09		.08	.08		.04	.14			.42	.14	1.12						.70	
ANDALUSIA 1 NW	5.10		.48					.04									1.40	.39			.59	.46			.50	.17	.01					.04	
ATMORE	2.04		1.30														.01		.30		.28	.01											
BEATRICE 1 E	2.43									.20							.03		.23								1.97						
BARTLEY	3.82		.51					.45								.44	.34				.73	.33			.53	.29							
BREWTON 3 ENE	3.06		.42					.22									T	.02	.04		.18	.85		.02	.58							.43	
BREWTON 3 SSE	8.28		.21										.45	.33	.08					.25	1.04				.34							3.55	
BRUNSDORF	1.40	T	.03					.07						.17						.21	T					.03						.03	
CAMDEN 3 NW	1.04							.31						.20			.03	.04			.29				T	.08	.05			.12	T		
CHATON 4 N	4.88	.80												.30	.28	.02	.12	1.46	.04	.17		1.10	.16		.28		2.00					1.67	
CLAIROBORNE	4.88		.18													.21					.27				.56		1.21					.43	
CLAYTON	1.88	.10						.04																									
COFFEE SPRINGS 2 NW	2.35	.35	.10					.20													.50	T		1.20									
COTTONDALE	1.02							.45								.02		.55															
ELBA	2.54	.13	.73					.07							.05	.18	.03				.17	.10		.88	.08							.12	
ENTERPRISE																																	
EUFAULA WILDLIFE REF	2.42							.85																									
EVERGREEN	2.31		.81					.70										.30			.20				.11	.08	.71			.12	.07		
FRISCO CITY																											.10	.20				.20	
GENEVA 2	1.18		.15					.15									.28				.09	.01			.16	.08	.24					.11	
GEORGIANNA	4.30														.01	T	.14	.20			.07			1.56	1.55	.66							
OILBETOWN	2.18												.33		.45		.10			.52											.76		
GREENVILLE																																	
HEADLAND	2.13	.20	.02					.08								.86					.15	.13	.50		.15							.04	
* * *																																	
HIGHLAND HOME																																	
JACKSON	5.43							.02									.24	.01				.27				.04	1.85			T	3.00		
KINSTON	8.43	.32	.72					.50							.02	.07				1.68	.07	2.57	2.01			.05						.41	
LOUISVILLE	3.57	.43						.08							1.18		.15				.56	.74			.38							.05	
MELVIN	3.15															1.05	.87				.63					.60							
NEWTON	4.38		.05					.02								.08	1.00					1.10			.05	.80						1.30	
OPAK 8 NW	1.38							.01								.10																.15	
PINE APPLE	2.87							.80										.55														.37	
PITTSVIEW	1.04							.44								.02																	
RIVER FALLS	2.81	.57	.30					.14								.19	.24			.71	.35		.51	.02	.18	.12	.05						
THOMASVILLE	3.80							.02						1.50		.01	T	.01			.68			.43	.58	.30				.12	.15		
TROY	1.87		.42					.15							.44					.03	.10	.72										.52	
WALLACE 2 E	8.12		2.65											.80	.23	.62																	
WHITLEY	5.35																1.30	.40				.17		.34	.17	1.67						1.30	
* * *																																	
GULF	08																																
BAY MINETTE																																	
CODEN	.36	.28	.08																														
DAUPHIN ISLAND 2	.03	.03																															
FAIRHOPE 2 NE	.71	.57	.14																														
MOBILE WSO AP	1.28	.83												.01	T		.24	.30	.03		.05												
ROBERTSDALE	1.15	.19	.17																					.08		.50							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY TEMPERATURES

ALABAMA  
JUNE 1977

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * *																																		
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	91 66	86 53	87 54	87 52	92 54	94 65	98 55	77 42	82 42	86 59	88 58	97 60	99 64	98 67	88 66	79 68	83 69	85 65	90 66	89 68	89 63	90 69	91 67	92 67	93 67	91 68	88 68	90 68	91 71	91 68	89.4 62.3		
BELLE MINA 2 N	MAX MIN	89 65	85 57	84 59	86 56	90 58	92 63	96 65	77 45	81 47	86 56	88 58	96 66	97 66	97 67	78 68	77 69	81 69	85 66	88 68	88 69	88 66	90 67	90 68	91 68	92 67	92 70	88 67	91 67	92 71	91 69	88.2 63.6		
FALKVILLE 1 E	MAX MIN	89 58	84 52	84 52	85 50	89 54	92 62	95 51	73 40	78 48	83 55	86 58	95 64	95 67	93 65	85 66	80 65	80 66	85 65	88 65	88 66	91 66	91 70	94 68	95 68	96 69	95 72	91 67	92 67	93 70	94 69	88.6 62.0		
HUNTSVILLE WSO AP	MAX MIN	85 64	85 59	87 60	88 59	92 60	97 66	77 59	81 48	86 58	88 59	96 63	96 68	95 69	80 68	78 69	82 69	86 67	90 68	88 68	89 67	89 67	91 71	92 70	92 71	92 70	89 70	91 70	91 72	92 71	88.6 65.7			
MOULTON 2	MAX MIN	90 62	88 56	90 56	93 54	95 56	99 66	78 56	83 42	89 43	89 53	99 59	98 60	97 60	79 68	78 68	85 69	87 68	90 68	90 69	90 68	92 68	92 72	94 74	94 71	93 71	90 70	92 69	93 72	94 71	95 72	90.5 65.2		
MUSCLE SHOALS FFA AP	MAX MIN	83 60	83 56	85 56	89 55	93 54	96 66	77 59	84 48	89 60	90 64	100 66	100 70	99 69	79 69	78 69	85 69	84 68	92 68	91 68	91 71	90 70	93 74	94 71	94 72	93 73	88 72	91 71	92 72	95 75	95 71	89.8 66.2		
NEW MARKET 2	MAX MIN																																	
RED BAY	MAX MIN	90 64	98 57	91 63	92 62	94 62	98 59	96 59	83 51	95 56			98 67	96 70	93 64	79 69	85 70	87 68	90 68	89 67	90 69	93 69	92 70	95 69	95 69		95 71	90 69	93 70	94 71	95 70	92.1 65.7		
RUSSELLVILLE 2	MAX MIN	89 59	84 54	87 54	88 51	90 52	92 53	97 56	77 42	82 43	88 53	90 59	95 60	97 60	98 68	78 67	80 67	85 67	86 62	90 65	90 66	90 67	91 67	92 67	94 67	93 68	94 70	90 66	92 67	92 69	93 68	89.5 61.1		
WATERLOO	MAX MIN																																	
* * *																																		
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW	MAX MIN	91 60	88 62	91 63	92 65	94 66	95 66	85 54	85 44	92 55	88 65	99 63	98 72	99 74	99 58	87 56	85 71	95 68	94 65	92 68	93 67	97 65	97 66	98 68	95 69	94 68	93 69	95 69	96 67	98 69	93 72	93.3 64.8		
BIRMINGHAM WSO AP	MAX MIN	87 65	86 59	88 60	91 62	92 61	98 68	78 52	82 47	91 53	91 66	98 65	99 71	99 69	88 73	86 72	88 70	95 71	91 68	92 71	93 71	96 72	98 73	96 70	96 73	96 71	96 70	92 73	95 71	96 74	95 73	92.2 67.3		
GUNTERSVILLE	MAX MIN	89 61	88 59	90 60	89 51	89 56	98 66	96 57	72 47	95 48	96 53	97 50	97 53	98 59	88 67	84 69	85 69	85 68	87 68	90 71	96 70	95 70	92 61	92 60	92 62	94 60	95 69	92 69	93 70	94 73	93 69	91.7 62.2		
ONEONTA	MAX MIN	89 64	88 56	87 55	89 54	92 56	94 62	99 56	78 43	85 64	90 59	90 60	99 64	98 67	100 68	89 69	82 68	85 68	92 68	92 68	94 68	93 67	94 66	95 65	95 65	97 68	95 70	92 68	93 68	93 74	93 69	91.8 63.5		
SAINT BERNARD	MAX MIN	91 65	87 54	90 60	91 59	92 61	94 62	98 55	77 43	82 48	88 50	89 57	97 69	98 65	99 66	85 68	80 68	85 68	91 66	91 67	91 65	92 67	94 68	96 67	96 67	96 71	96 71	96 65	94 71	94 71	97 67	91.2 63.6		
SAND MT SUBSTA AU	MAX MIN	86 64	83 56	82 57	84 63	88 61	88 65	93 55	74 43	79 48	83 50	83 57	93 69	95 65	95 66	83 68	76 68	81 68	84 68	86 69	88 68	88 65	88 68	90 67	91 67	92 67	92 70	88 68	90 71	91 68	90 68	86.7 63.7		
SCOTTSBORO	MAX MIN	91 62	87 53	86 53	87 53	90 53	90 60	96 55	77 41	80 45	86 49	86 53	96 60	96 65	97 68	84 68	80 66	85 68	85 63	92 64	92 65	91 66	91 66	93 66	95 65	95 65	95 68	95 68	92 66	93 68	94 68	89.8 61.1		
VALLEY HEAD	MAX MIN	86 59	83 51	81 53	83 51	86 55	88 59	92 48	72 39	72 45	81 45	81 49	90 56	91 61	94 65	81 61	78 65	82 61	83 65	87 66	88 66	88 62	86 64	89 66	90 63	90 65	91 65	85 69	89 65	90 65	89 66	85.5 58.9		
* * *																																		
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	88 63	89 57	92 62	94 64	95 59	96 64	100 61	83 47	81 53	94 59	97 68	101 71	100 68	99 68	88 70	92 69	94 69	95 69	97 70	94 68	95 70	97 70	98 72	99 72	99 69	97 69	98 72	97 73	99 74	98 70	94.9 66.3		
BANKHEAD LOCK AND DAM	MAX MIN	92 68	93 60	91 62	93 62	95 61	98 63	81 61	86 52	98 52	93 58	95 59	99 65	99 74	91 72	91 74	87 60	92 70	94 71	93 70	92 70	93 72	96 72	97 74	100 69	99 71	94 70	94 74	96 74	97 74	94 73	94.0 66.9		
CENTREVILLE WSMO	MAX MIN	87 66	92 58	91 62	94 64	94 60	97 64	99 59	81 45	85 53	93 60	95 65	100 70	100 72	98 63	90 69	92 70	91 68	92 68	94 67	95 66	95 68	96 72	98 69	98 68	96 69	95 70	94 72	95 73	95 70	97 69	93.9 65.8		
CLANTON	MAX MIN	94 68	93 56	91 59	94 60	95 61	97 64	99 59	83 46	86 50	93 54	96 60	101 65	100 74	99 68	95 71	94 70	93 67	95 67	93 66	96 66	93 69	97 70	94 67	98 69	95 69	95 71	93 74	94 71	94 74	96 68	94.5 65.0		
DOUBLE SPRINGS	MAX MIN	88 63	86 56	86 59	87 57	92 58	94 67	96 55	75 48	83 52	89 61	88 60	98 63	98 67	97 67	81 67	79 69	84 70	89 65	90 67	90 66	89 68	93 71	93 69	95 67	95 67	92 68	95 70	91 69	93 70	95 69	90.0 64.2		
FAYETTE	MAX MIN	93		90	91	93	96	98	79	86	93	92	100	101	97	88	83	90	91	94	94	95	98	99	99	98	94	92				93.2		
HALETVILLE 3 NE	MAX MIN	89 60	86 55	87 56	91 56	93 60	97 61	93 54	82 46	88 56	91 58	97 64					90 62	89 65		89 65	88 67	91 67	92 69	93 66	94 66	94 66	91 65	92 65	93 68	93 65	95 65	91.1 62.0		
HAMILTON 3 S	MAX MIN	90 59	85 52	87 53	89 53	91 53	93 53	98 56	78 42	84 42	91 46	91 57	95 61	98 64	98 66	81 67	80 67	90 67	87 64	90 64	91 64	92 64	94 66	96 66	96 66	95 65	94 64	91 64	94 64	96 65	91.2 60.1			
JASPER 4 N	MAX MIN	87 63	88 55	89 57	89 58	94 65	97 65	92 57	81 44	85 49	91 52	98 61	99 64	98 67	94 68	81 69	85 69	86 69	88 69	88 69	90 70	93 67	98 70	97 68	97 67	92 68	95 67	97 68	97 70	98 67	92.1 63.9			
PRATTVILLE	MAX MIN																																	
THORNSBY EXP STATION	MAX MIN	90 71	90 61	92 62	94 63	95 61	98 68	95 59	85 50	91 57	94 62	99 65	97 75	98 70	95 68	97 72	89 71	94 67	91 61	93 67	93 67	95 71	97 70	97 71	95 67	94 70	93 73	93 73	94 72	95 72	92 69	93.8 66.8		
TUSCALOOSA FFA AP	MAX MIN	91 65	90 57	92 62	94 60	96 60	100 67	81 55	84 47	93 52	96 63	100 65	98 73	98 66	88 71	90 91	91 71	93 69	90 69	90 68	95 69	95 72	96 71	94 70	95 74	92 71	95 74	91 71	95 75	95 76	94 72	93.0 66.4		
TUSCALOOSA OLIVER DAM	MAX MIN	89 60	89 57	90 60	92 60	94 61	95 61	98 60	78 49	85 51	93 58	96 61	100 68	95 74	95 68	88 68	88 71	90 70	90 70	96 69	90 69	96 69	94 72	93 72	98 71	95 70	95 71	93 73	95 73	99 71	95 71	92.6 66.2		
VERNON 2 N	MAX MIN	91 61	87 51	89 58	90 55	94 55	95 60	99 58	79 41	89 47	92 57	95 64	99 67	99 69	98 67	84 65	84 67	90 68	90 65	92 66	92 66	94 												

# DAILY TEMPERATURES

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STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	91 66	85 58	88 58	94 60	96 63	99 63	78 56	85 47	90 51	86 50	98 60	98 72	100 70	89 71	85 72	86 70	93 69	90 68	93 71	94 69	92 68	98 69	95 71	96 71	98 70	91 69	94 70	96 72	93 71	98 71	92.3 65.8		
CALERA 2 SW	MAX MIN	93 65	93 53	90 55	97 55	97 57	100 66	92 56	92 41	95 46	94 59	100 59	100 69	98 67	99 63	94 67	93 68	96 65	96 65	95 65	95 67	100 66	95 66	95 65	93 65	94 66	95 70	94 67	98 69	94 66	98 64	95.5 62.4		
CENTRE 4 SW	MAX MIN	90 65	88 57	86 58	87 56	90 60	93 65	98 60	78 44	81 51	88 53	87 56	96 68	98 68	97 69	90 68	86 68	86 69	86 69	91 68	90 65	93 69	94 68	95 69	96 70	94 73	91 67	92 69	93 72	93 69	91 69	90.4 64.3		
CHILDOERSBURG WTR PLANT	MAX MIN	92 66	89 56	96 56	95 57	97 59	99 59	99 60	85 44	93 49	93 59	100 60	100 72	100 69	98 70	92 70	89 69	96 68	96 68	95 69	95 69	97 69	99 68	99 69	97 69	97 74	97 69	98 75	98 75	95 59	95 59	95.9 65.2		
GROSDEN STEAM PLANT	MAX MIN	92 67	87 60	86 59	87 57	93 62	95 67	97 58	76 48	83 52	88 56	88 58	98 61	100 70	97 67	88 70	85 69	86 68	86 68	92 69	90 67	92 67	99 68	92 68	94 69	95 71	90 68	94 70	93 73	91 70	90.3 64.9			
TALLADEGA	MAX MIN	89 63	88 54	89 55	94 56	95 57	99 59	97 60	83 42	87 58	90 62	98 62	94 60	98 68	99 70	98 72	90 66	94 64	91 63	94 68	94 67	95 66	97 65	97 65	97 65	95 65	95 65	94 76	94 70	91 73	94 65	93.7 63.4		
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	94 66	92 65	91 58	94 59	95 60	95 65	99 56	84 49	86 50	92 58	94 60	99 67	99 69	100 68	94 70	91 70	92 66	97 63	92 66	94 65	93 70	97 68	98 70	97 70	94 68	97 70	94 68	96 70	95 71	96 69	94.4 64.8		
ASHLAND 2 SSE	MAX MIN	88 64	87 66	84 57	86 67	89 61	91 60	94 63	76 57	81 48	88 50	86 59	94 60	94 69	95 68	89 69	85 69	85 68	92 66	90 67	90 66	88 66	92 68	92 68	92 68	90 67	91 68	88 71	90 66	90 67	87 66	88.8 64.1		
AUBURN AGRONOMY FARM	MAX MIN	89 66	89 65	87 62	89 70	91 65	92 66	95 61	80 56	82 54	90 64	90 64	94 72	95 70	96 68	93 73	92 71	92 67	93 68	90 70	94 66	93 71	96 70	97 70	96 70	93 69	93 74	93 70	94 71	93 73	93 70	91.9 67.5		
HEFLIN	MAX MIN	89 63	88 54	87 52	88 53	92 58	93 59	97 54	74 40	80 44	89 52	87 55	95 60	96 66	97 68	89 69	81 68	84 67	87 65	88 65	90 67	93 65	93 65	95 67	96 65	93 65	92 65	94 65	92 66	94 66	89.8 61.6			
LAFAYETTE	MAX MIN	94 63	91 58	93 57	97 62	97 64	100 63	94 55	86 47	94 52	94 59	100 60	97 69	99 69	94 67	92 69	93 69	95 69	98 65	94 66	92 66	95 66	96 68	95 70	95 68	95 69	94 69	96 73	95 67	97 69	94 69	94.9 64.9		
MARTIN DAM	MAX MIN	92 64	87 58	88 64	93 62	95 62	98 65	78 59	83 47	90 65	90 62	95 72	98 72	99 68	90 72	99 69	95 67	95 64	88 64	92 64	93 68	96 70	93 68	92 70	96 70	93 69	92 69	94 70	94 69	92 69	92.2 66.1			
OPELIKA	MAX MIN	91 63	91 62	89 59	90 57	92 60	93 60	97 62	81 58	83 60	91 52	91 60	97 60	97 67	97 70	94 72	92 60	92 68	94 65	92 66	97 65	94 67	98 69	92 72	97 70	96 70	92 72	97 70	93 72	86 73	92.9 64.6			
ROCKFORD 2 NW	MAX MIN	93 66	93 57	90 58	92 59	94 60	96 61	98 55	82 47	84 55	92 59	94 64	99 64	99 71	98 67	93 69	91 67	93 65	94 65	92 64	92 67	92 68	95 68	95 66	94 66	93 68	93 69	90 69	93 71	92 66	93 66	93.0 63.8		
ROCK MILLS	MAX MIN	91 62	92 57	89 54	92 54	94 58	94 59	97 54	81 45	85 45	92 52	92 55	98 63	99 69	99 66	93 64	90 68	90 64	96 64	89 66	92 65	92 66	96 68	97 67	96 69	95 67	96 71	93 64	94 69	94 73	93 67	92.9 62.2		
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	89 66	91 60	93 62	94 67	94 63	95 71	98 63	84 49	86 57	93 63	96 67	100 74	100 72	98 68	90 72	94 71	93 69	95 71	96 72	93 67	95 71	97 72	99 70	100 69	100 70	98 75	97 75	98 74	96 69	97 70	95.0 68.0		
DEMOPOLIS LOCK AND DAM	MAX MIN	88 62	89 59	91 59	92 63	94 62	95 61	99 58	89 46	85 49	92 56	94 65	99 67	100 70	97 67	92 70	91 67	97 68	95 68	94 68	91 66	95 67	97 70	98 71	97 71	95 66	97 67	95 73	94 69	96 68	94.2 64.9			
GAINESVILLE	MAX MIN	91 67	91 61	93 63	95 64	96 63	97 67	100 63	84 50	87 55	95 59	96 69	100 75	100 73	99 67	88 71	93 70	96 71	95 70	97 68	94 70	97 68	99 72	98 73	101 73	100 74	99 74	98 74	98 75	99 68	98 71	95.8 67.9		
GREENSBORO	MAX MIN	91 57	93 59	95 61	95 65	97 60	100 67	94 62	87 49	95 54	97 65	101 65	101 73	99 71	99 67	95 73	96 72	92 76	96 73	97 69	94 66	97 66	97 72	97 71	95 72	95 70	95 71	95 75	97 72	97 72	96 72	95.6 67.6		
HAYNEVILLE	MAX MIN	95 71	85 67	82 65	92 70	98 73	95 72	98 65	90 57	85 58	93 58	95 67	100 70	100 78	98 71	96 74	94 77	96 74	95 75	93 74	93 75	96 74	95 73	98 74	95 74	98 75	97 76	98 74	95 79	92 78	98 76	94.2 71.8		
LIVINGSTON 2 SW	MAX MIN	89 66	92 56	93 61	96 62	98 61	101 68	102 61	80 51	84 56	88 60	92 65	101 65	95 70	96 62	90 69	92 68	94 68	96 68	99 67	95 66	100 66	101 69	100 71	102 71	101 68	99 72	98 73	102 73	99 69	102 72	95.9 66.1		
MARION JUNCTION 2 NE	MAX MIN	92 67	92 60	92 60	93 62	95 62	96 62	98 62	81 50	83 50	92 53	95 63	100 65	99 70	98 66	92 70	94 68	95 68	96 68	93 70	94 68	95 68	96 69	95 69	95 69	95 69	95 69	95 69	94 73	94 73	95 68	94.0 65.5		
MINTER 3 NW	MAX MIN	94 67	91 67	93 68	92 64	95 66	95 70	96 68	83 50	87 59	93 65	96 68	102 67	103 73	101 70	90 75	96 74	96 70	98 70	98 73	96 67	94 74	97 71	98 72	100 72	95 74	99 74	99 74	100 74	98 73	94 68	95.6 68.4		
MONTGOMERY WSO AP	MAX MIN	95 71	90 67	94 65	96 64	97 67	100 71	84 66	86 56	92 56	95 67	99 68	101 74	99 74	95 70	95 75	93 74	97 71	93 71	96 70	95 69	97 74	97 73	94 72	96 72	97 77	97 76	94 74	97 74	94 72	95.0 70.1			
SELMA	MAX MIN	89 71	88 67	91 65	95 64	95 66	98 72	88 65	78 58	85 55	88 65	98 68	100 70	99 77	94 73	93 75	93 71	89 71	84 70	81 73	92 68	95 75	92 75	86 72	92 72	94 72	93 78	94 74	97 75	97 71	95 71	92.0 70.1		
UNION SPRINGS 4 S	MAX MIN	93 65	93 64	93 63	92 64	92 64	96 62	98 61	86 51	86 52	92 58	93 66	98 70	98 71	98 66	95 70	96 69	96 67	94 67	92 67	91 66	92 67	96 71	95 69	98 69	97 70	96 68	96 68	96 69	97 67	95 69	94.3 65.8		
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	90 64	91 57	89 57	92 57	94 56	95 65	97 66	82 48	87 48	92 55	95 68	99 68	100 68	97 65	97 67	95 66	94 66	90 65	91 64	90 67	87 67	92 69	92 69	92 69	90 60	92 65	88 70	89 66	88 66	86 67	91.8 63.3		
ATHORE	MAX MIN	94 67	94 63	92 63	94 67	95 68	95 73	97 70	85 58	89 58	92 69	97 73	98 73	98 71	93 70	98 70	95 68	98 69	92 70	95 73	95 71	93 72	98 73	97 74	95 72	97 71	97 76	95 68	97 70	93 73	98 69	94.9 69.4		
BEATRICE 1 E	MAX MIN	93 69	93 67	92 66	92 66	94 68	98 72	97 65	91 60	94 62	94 70	98 72	98 70	96 72	95 71	96 73	94 74	93 74	93 74	90 71	95 70	93 70	97 73	96 74	94 74	95 74	93 73	96 74	97 74	95 74	96 74	94.9 70.7		
BRANTLEY	MAX MIN	95 62	94 56	91 56	94 57	95 58	95 65	98 62	82 47	85 48	92 55	95 66	99 67	99 69	97 67	94 66	94 64	94 65	95 63	94 63	91 64	97 66	95 66	95 66	94 67	95 67	94 67	95 67	92 64	95 63	95 65	94.0 61.8		
BREWTON 3 ENE	MAX MIN	96 66	93																															

## DAILY TEMPERATURES

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BREWTON 3 SSE	MAX MIN	97 64	94 59	98 57	98 58	100 63	101 68	99 67	97 47	96 60	98 54	103 70	103 69	99 70	99 67	97 66	97 65	96 66	98 66	93 70	93 67	98 66	99 69	98 74	99 69	98 67	97 74	98 74	96 66	99 67	96 67	97.7 65.5	
CAMDEN 3 NW	MAX MIN	92 65	95 60	93 61	95 62	97 63	97 66	99 61	83 51	87 51	94 58	97 64	99 65	100 70	99 66	93 66	96 69	97 67	96 67	97 70	95 66	95 67	97 70	100 70	98 70	97 66	98 71	97 71	98 71	96 71	98 65	95.8 65.2	
CHATOM 4 N	MAX MIN	92 66	91 63	95 65	95 67	95 66	97 71	95 65	87 52	92 60	92 66	98 71	99 71	98 70	92 69	95 72	95 67	94 68	94 70	94 72	93 67	95 72	98 73	97 73	96 71	96 68	95 73	95 68	95 71	97 74	97 67	94.8 68.3	
CLAYTON	MAX MIN	91 66	91 62	89 66	91 66	93 68	94 70	96 62	81 57	83 60	90 65	93 69	97 73	97 71	95 67	94 68	92 71	90 67	93 69	93 72	93 67	90 69	94 72	97 69	94 67	94 66	94 68	92 72	94 70	94 69	93 69	92.4 67.6	
ENTERPRISE	MAX MIN																																
EUFALA WILDLIFE REF	MAX MIN	94 63	92 57	92 55	96 63	96 61	99 67	98 58	84 48	92 49	91 57	98 57	100 63	97 63	95 61	95 69	95 69	95 66	97 65	96 62	97 63	98 68	98 69	94 69	95 69	94 69	97 69	95 71	96 69	97 74	93 69	95.2 63.7	
EVERGREEN	MAX MIN		66	62	62	63	64	68	66	52	54	57	64	68	72	68	67	68	67	69	70	68	69	70	72	71	67	72	72	71	68	66.6	
FRISCO CITY	MAX MIN																																
GENEVA 2	MAX MIN	92 65	93 61	91 61	92 63	94 65	95 69	97 66	83 55	86 56	92 63	95 67	99 72	98 72	96 67	97 70	97 69	95 68	93 68	95 70	92 69	92 67	97 72	96 70	95 70	94 68	93 73	94 70	95 68	96 71	96 71	94.0 67.2	
GILBERTOWN	MAX MIN	92 65	92 60	95 60	95 63	95 63	98 71	96 67	86 47	93 52	97 60	99 68	98 69	94 69	91 70	93 68	93 67	93 66	94 71	92 70	93 67	96 69	96 70	97 70	97 71	97 68	96 76	95 73	97 72	96 71	98 69	94.8 66.7	
GREENVILLE	MAX MIN																																
HEADLAND	MAX MIN	93 67	92 63	90 65	95 63	93 64	97 71	98 65	84 55	88 60	93 65	95 67	99 70	102 73	100 69	96 66	92 73	92 60	94 65	94 73	96 68	94 70	96 69	95 70	96 70	95 69	95 74	95 73	97 72	96 74	93 72	94.5 67.8	
HIGHLAND HOME	MAX MIN																																
OZARK 6 NNW	MAX MIN	93 68	92 67	94 70	96 67	96 71	98 71	93 65	88 57	94 62	98 68	102 73	101 74	100 72	98 69	98 70	97 72	97 70	97 70	93 67	93 68	96 69	95 72	94 70	95 69	94 68	94 73	95 73	95 70	93 70	94 71	95.4 69.3	
PITTSVIEW	MAX MIN	91 62	92 59	90 56	91 55	94 62	94 61	95 58	82 47	84 48	93 54	99 70	98 66	98 63	97 66	95 68	92 65	96 65	95 65	95 66	97 63	97 65	100 67	99 68	97 68	97 66	97 72	97 67	99 67	98 73	98 73	94.8 63.1	
THOMASVILLE	MAX MIN	93 66	95 63	95 62	98 62	98 63	97 65	99 63	86 51	88 52	94 58	98 65	102 69	101 71	99 68	92 69	94 69	94 69	95 70	95 71	94 68	94 70	96 71	97 71	96 70	96 68	95 69	94 73	95 72	92 72	96 67	95.3 66.6	
TROY	MAX MIN	93 67	91 63	93 65	96 67	95 69	97 70	93 62	87 54	92 59	96 66	100 69	100 73	99 70	96 68	95 68	93 70	95 69	93 70	94 72	92 68	95 67	97 72	95 70	93 68	95 67	93 73	96 72	96 70	95 73	95 69	94.5 68.0	
WHATLEY	MAX MIN	97 66	98 67	97 57	96 60	98 59	100 69	95 65	88 49	94 51	100 59	101 61	98 68	97 70	96 67	94 69	95 68	93 67	95 69	95 66	99 69	95 69	95 69	98 70	98 69	97 69	94 68	98 71	97 72	99 72	98 65	96.5 66.0	
GULF	08																																
BAY MINETTE	MAX MIN																																
COOEN	MAX MIN	89 67	90 63	92 66	93 65	90 69	92 75	86 71	84 57	87 60	91 68	93 72	92 71	91 71	89 70	91 70	92 69	91 71	90 76	91 74	91 72	92 75	92 73	92 77	93 77		92 78		93 77	93 74	92 72	90.9 70.7	
ORUPHIN ISLAND 2	MAX MIN	90 71	87 71	90 76	92 75	92 77	89 75	91 73	83 71	89 72	88 75	89 78	90 77	90 77	90 77	89 77	89 77	91 80	91 80	90 79	90 79	90 80	90 79	91 79	92 81	92 80	91 81	90 79	90 79	89 80	89 78	89.8 77.1	
FAIRHOPE 2 NE	MAX MIN	92 67	88 65	89 66	92 68	95 69	91 77	94 73	85 60	85 59	87 61	92 75	94 76	91 71	91 72	94 71	94 71	96 72	94 72	91 78	93 76	94 79	94 78	97 75	94 75	95 74	94 80	92 80	93 77	91 76	95 74	92.2 72.5	
MOBILE WSD AP	MAX MIN	92 68	90 67	96 71	96 71	94 71	94 73	84 68	85 60	90 66	95 70	95 75	94 74	89 75	91 74	93 74	94 72	90 75	91 75	93 74	93 74	96 75	94 76	94 77	97 77	96 78	94 78	95 75	89 77	92 75	95 74	92.7 73.0	
ROBERTS DALE	MAX MIN	91 68	90 65	91 65	94 67	96 67	93 76	93 74	88 57	86 57	91 59	95 67	97 74	94 73	90 72	94 71	96 71	94 71	93 71	93 71	94 76	94 76	95 76	95 74	95 74	95 73	93 76	92 75	92 71	91 72	94 72	92.9 70.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
JUNE 1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)																																	
	2	MAX	92	92	91	94	98	100	101	97	99	100	101	105	102	109	104	104	100	104	99	104	103	106	106	105	104	100	99	100	104	102	100.8	
	MIN	72	70	69	69	71	72	70	66	67	70	73	77	77	79	79	80	81	78	77	77	75	79	81	78	77	79	80	75	78	77	76	75.0	
	4	MAX	87	87	88	90	94	95	96	93	95	95	95	99	97	103	100	99	95	99	95	99	99	100	100	100	100	95	95	96	100	97	96.1	
	MIN	73	73	72	72	74	74	74	74	71	71	72	74	77	80	82	83	83	80	78	79	78	80	80	80	80	81	81	77	79	79	79	77.2	
	8	MAX	81	82	82	85	88	89	88	87	87	88	89	93	92	95	93	93	90	94	92	95	92	94	93	94	96	92	92	90	93	91	90.3	
	MIN	72	74	73	73	75	77	77	74	73	74	77	79	83	82	83	84	82	81	83	81	82	83	82	81	83	84	80	80	80	80	80	79.1	
BREWTON 3 ENE	(IN)																																	
18ARE GROUND I	4	MAX	99	95	88	95	99	102	100	91	97	98	100	103	103	102	103	102	103	98	-	101	88	94	97	97	97	93	98	102	100	103	98.2	
	MIN	76	71	71	71	73	77	77	77	69	69	72	76	80	82	81	81	81	78	78	-	77	75	75	77	78	76	76	78	79	79	77	76.2	
HEROLAND	(IN)																																	
4	MAX	95	91	93	97	95	95	97	92	95	95	100	100	100	102	103	94	100	100	105	102	99	100	93	100	98	100	103	104	105	95	98.3		
	MIN	75	74	73	76	74	82	79	75	75	76	81	81	81	85	81	80	81	81	83	80	79	78	73	80	79	80	84	84	83	81	79.1		
MARION JCT 2NE	(IN)																																	
4	MAX	91	95	95	95	96	97	95	90	91	93	93	97	98	98	93	94	95	96	90	92	95	98	94	93	95	93	96	99	99	97	94.8		
	MIN	79	78	78	78	78	79	80	73	71	73	80	80	83	81	80	81	80	79	77	78	77	82	79	78	78	79	81	82	83	81	78.9		
PITTSVIEW	(IN)																																	
4	MAX	88	90	92	94	96	96	95	88	92	-	94	96	97	98	97	95	90	96	95	96	96	96	95	93	97	98	96	97	98	98	-	94.8	
	MIN	74	74	74	75	77	79	76	71	69	-	71	78	82	82	83	83	81	81	82	81	82	82	80	79	78	81	81	82	83	84	-	78.7	
THORSBY EXP STATION	(IN)																																	
4	MAX	92	97	99	97	99	97	96	93	94	96	98	97	100	98	98	95	96	95	95	95	93	94	99	99	95	92	92	98	98	98	92	96.1	
	MIN	77	75	75	76	77	78	72	68	72	75	78	82	80	80	80	80	80	78	77	75	79	78	80	80	78	79	79	79	80	81	80	77.6	
WINFIELD 2 SW	(IN)																																	
4	MAX	87	90	90	91	92	92	92	82	82	91	92	95	96	95	92	81	88	90	88	90	90	93	95	96	96	95	91	94	94	94	91.1		
	MIN	74	72	74	75	75	74	71	65	69	75	76	75	79	79	81	77	76	78	75	75	76	79	80	81	82	82	81	78	82	82	82	76.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
JUNE

1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.30	.26	.29	.35	.33	.45	.36	.25	.32	.32	.34	.42	.39	.07	.02	.08	.35	.23	.42	.32	.24	.33	.37	.36	.30	.25	.27	.33	.34	.28		8.94
		WIND	53	53	47	32	41	102	151	43	68	58	55	63	58	63	40	17	53	64	66	76	48	58	77	68	62	60	47	61	62	57		1803
		MAX	93	87	92	95	96	91	82	89	90	89	96	96	95	82	80	84	89	92	93	93	95	95	95	95	95	94	94	94	96	96		91.8
		MIN	67	62	65	64	65	73	56	52	59	48	66	71	73	69	70	71	72	68	70	62	70	74	71	73	72	73	71	72	61	62		66.7
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.24	.31	.23	.34	.24	.31	-	.33	.24	.29	.30	.30	.37	.32	.14	.07	.14	.32	.26	.24	.25	.29	.37	.35	.40	.36	.29	.33	.38	.31		8.618
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.15	.25	.33	.18	.30	.36	.38	.42	.27	.40	.35	.30	.31	.41	.31	.32	.19	.27	.23	.28	.34	.37	.35	.33	.30	.25	.28	.31	.41	.21		9.16
		WIND	19	32	41	35	17	32	90	74	24	61	37	25	41	46	37	34	28	42	44	49	51	46	38	53	37	51	41	37	64	37		1263
		MAX	94	93	92	95	96	96	93	85	89	89	92	96	94	97	93	92	90	97	93	96	92	95	95	95	95	92	92	97	96	92		93.4
		MIN	68	67	65	68	70	71	62	54	54	58	66	70	73	70	71	70	70	71	71	69	68	73	71	72	74	76	74	72	72	71		68.7
MARTIN DAM		EVAP	.22	.29	-	.33	.30	.17	.30	.20	-	.26	.24	.28	.26	.26	.20	.15	.24	.05	-	.20	.32	.25	.27	.21	.19	.20	.26	.20	.17	.03		6.728
		WIND	45	54	44	33	32	83	112	41	45	35	28	30	37	47	48	32	35	32	35	27	31	31	34	28	27	24	29	31	24	33		1167
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.06	.36	.27	.30	.24	.30	.15	.44	.20	.25	.19	.19	.30	.24	.34	.21	.48	.28	.19	.15	.16	.43	.34	.49	.27	.32	.33	.37	.36	.42		8.63
		WIND	29	42	20	23	19	28	101	83	29	42	25	34	50	53	36	55	29	37	44	36	47	38	45	53	45	43	53	62	70	44		1315
		MAX	97	98	99	99	101	100	99	100	94	98	98	94	99	102	99	96	102	100	100	95	98	100	103	104	104	100	101	100	101	104		99.5
		MIN	70	67	66	68	73	67	66	66	53	57	69	73	72	71	70	73	63	72	72	69	69	75	74	75	72	72	76	75	73	72		69.7
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.32	.22	.26	.28	.28	.29	.34	.36	.31	.29	.33	.33	.31	.21	.25	.27	.28	.28	.31	.32	.33	.32	.32	.32	.30	.35	.31	.30	.20	.31		8.90
		WIND	21	4	37	13	8	39	57	31	17	32	35	42	20	14	15	14	11	14	34	24	31	40	21	22	36	42	33	18	19	28		765
		MAX	101	97	93	100	103	102	102	95	94	97	99	103	102	99	100	102	103	103	100	105	103	103	104	102	103	103	100	105	95	105		100.8
		MIN	70	69	68	71	74	75	72	60	59	65	72	74	75	74	73	73	74	76	76	76	76	77	76	76	77	77	76	76	77	76		73.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
JUNE 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLSON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	STONEY J HARRY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FRA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FEQ. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE	0583	08	BALOWIN	9	30 53	87 47	268	7P	7P		H	GROVER W. WOODWARD
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BRENTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BRENTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	ODD R. WATSON
CENTREVILLE WSMO	1525	03	818B	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGGER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	COLBERT STEAM PLANT
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARD
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DAOEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DAOEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 21	300				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		H	MRS CLOYE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 26	87 24	410	7A	7A		H	MERRILL J BEARD
GROSOEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GROSOEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOSY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA

JUNE

1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 36	430	6A	6A		C H	CHUCK S HEARTSILL
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175	7A	7A			ARLON L. OTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840	7A	7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAOISON	12	34 39	86 46	624	MIO	MIO	MIO	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220	8A	8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690	7A	7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LAND
MIOWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S. ROAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAOISON	12	34 55	86 27	725	SP	SP		H	H. WAYNE MC FARLEN
NEWTON	5875	07	OALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	OALE	5	31 31	85 41	470	SP	SP		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EODINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	WRMG RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSOALE	6988	08	SALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MIO		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	6P	6P		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J. CHANOLRI
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
JUNE

1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288			6A		ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. DILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265			7A		MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640			6A		ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205			7A		MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850			7A		WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630			7A	C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110			6A	C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500			7A		ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190			7A		INACTIVE 4/25/76
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

Station	Temperature											Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
										Max.	Min.	30° or Above	32° or Below	32° or Below					30° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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See Reference Notes Following Station Index

# LATE REPORTS DAILY PRECIPITATION

ALABAMA

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • NOVEMBER 1976																	.03			.04	.10							.41	.21	.77		
SAINT BERNARD	2.02														.21	.25																
• • • JANUARY 1977																			.41						.25			.20			.38	
BREXTON 3 SSE	5.19			.05	.15			.60			.25				2.00																	
• • • FEBRUARY 1977																																
RED BAY	2.63												.54																			
• • • MARCH 1977																																
HAYNEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.33	.15	.25									
MARION 6 NE	10.06			.02	1.50		.84				.03	.05	1.90	.80																		
SAINT BERNARD	12.14				2.71		.78	.07				.03	1.84	2.03							.35		1.43	.66				.03	.67	1.35	1.07	1.07
• • • APRIL 1977																																
AUTAUGAVILLE 3 N	3.42		.17			1.02				.19														.04	1.73	.27						
FAYETTE	5.91			1.75	.50	2.84																		.46	.33	.03						

See Reference Notes Following Station Index

# LATE REPORTS DAILY TEMPERATURES

ALABAMA

Station				Day of Month																															Average
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *	NOVEMBER	1976	MAX																																
			MIN																																
SAINT BERNARD			MAX		61	64	67	67	49	61	60	58	65	70	50	44	45	40	45	54	56	69	63	52	52	44	47	60	63	65	71	45	28	55.7	
			MIN	34	27	30	28	24	21	21	20	22	24	32	28	26	28	35	26	27	26	27	39	29	26	17	18	28	28	39	40	18	12	26.7	
* * *	JANUARY	1977	MAX																																
			MIN																																
BREWTON 3 SSE			MAX	41	39	45	53	69	67	65	61	71	67	40	51	60	67	63	51	40	34	31	53	54	58	59	59	53	60	63	70	61	41	44	54.5
			MIN	25	28	32	41	39	36	41	31	41	30	19	20	31	47	41	25	15	18	8	16	19	20	33	46	27	22	43	42	27	20	30	29.5
* * *	FEBRUARY	1977	MAX																																
			MIN																																
RED BAY			MAX	47	55	56	60	56	50	43	52	60	67		58		67	56	43	56	68	66	48	61	70	68	69	79	79	74	55			60.1	
			MIN	14	23	31	32		16	17	17	21		32		33	33	28	16	28	37	38	20	21	42	40	44	44	59	38	24			29.9	
* * *	MARCH	1977	MAX																																
			MIN																																
HAYNEVILLE			MAX																																
			MIN																																
SAINT BERNARD			MAX	52	58	62	63	66	60	50	58	68	69	68	69	67	73	79	80	67	71	80	69	65	57	56	67	70	76	78	81	69	72	84	67.9
			MIN	33	29	33	48	37	37	32	28	30	33	50	57	39	38	40	44	44	48	48	42	45	38	28	30	38	40	43	57	57	57	52	41.1
* * *	APRIL	1977	MAX																																
			MIN																																
FAYETTE			MAX		68	82	70	71	70	68	84		85	87	88	88	88	89	90	87	85	88	84	74	70	77	76	67	72	77	82	84		79.7	
			MIN		54		58	47	35	42	48		44	46	47	46	47	47	47	50	55	55	55	59	61	52	54		60	38	50	61		49.5	

## SNOWFALL AND SNOW ON GROUND

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NOVEMBER 1976																																	
SAINT BERNARD	SNOWFALL SN ON GND																														.2		
* * * JANUARY 1977																																	
BRENTON 3 SSE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See Reference Notes Following Station Index



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in  $^{\circ}\text{F}$ , precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from  $65^{\circ}\text{F}$ . In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-5%
Pittsview	: Izagala fine sandy loam	Bare	Unknown
Thornsby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is B a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- + And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- \* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

- | Extreme occurred at station with incomplete data which may have been exceeded.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

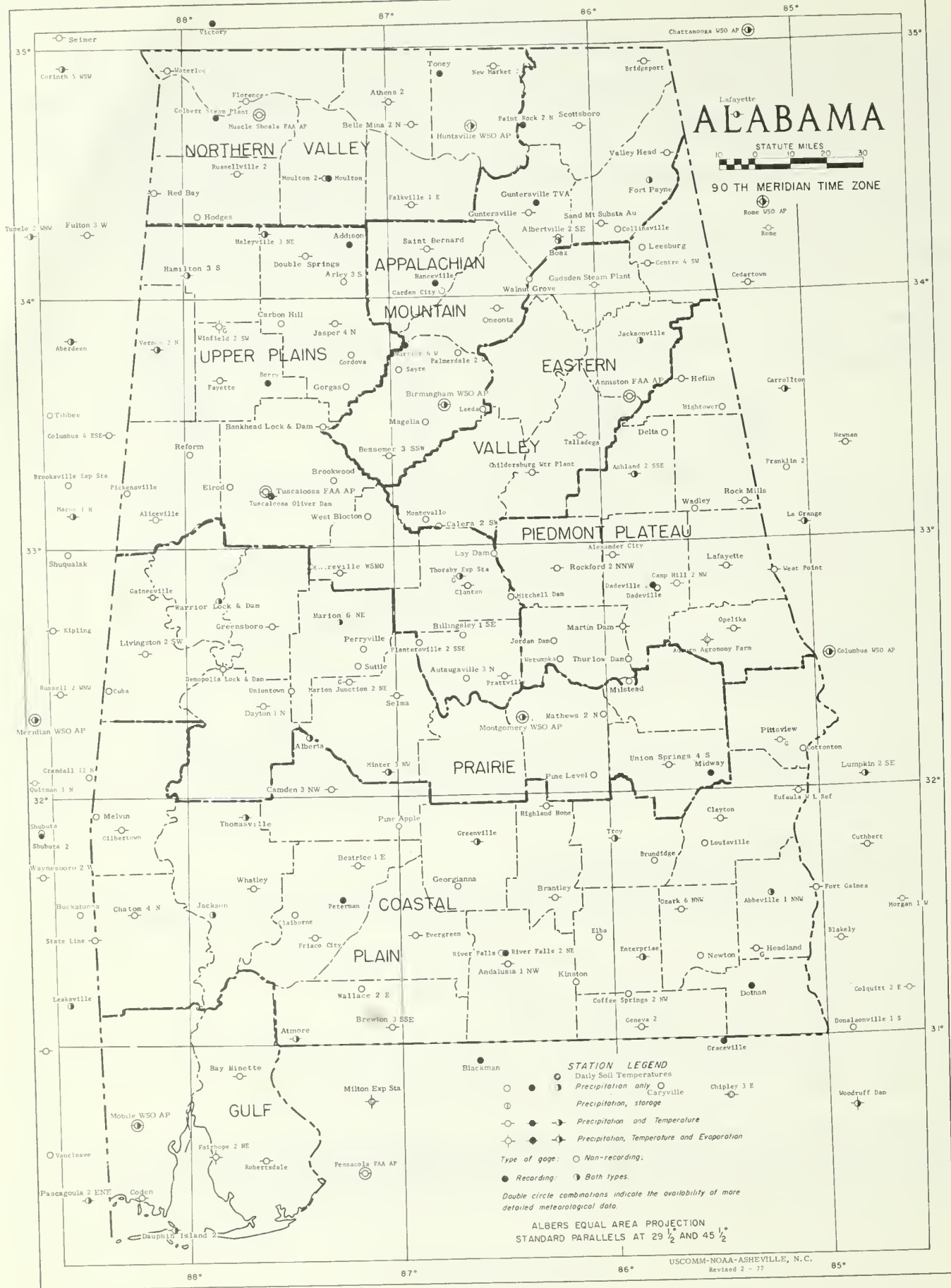
\* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee S-CHOCTAWHatchee 6-CONECUM 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





U S DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N C. 28801

POSTAGE AND FEES PAID  
U S DEPARTMENT OF COMMERCE

COM 210



**THIRD CLASS**



# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: BANKHEAD LOCK AND DAM 107 DATE 08  
 LOWEST TEMPERATURE: 2 STATIONS 56 DATE 03  
 GREATEST TOTAL PRECIPITATION: CUBA 9.88  
 LEAST TOTAL PRECIPITATION: MUSCLE SHOALS FRA AP .92  
 GREATEST 1 DAY PRECIPITATION: DADEVILLE 4.31 DATE 29

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	20	0.9	5.6	26	S	19+	76	83	SS	S9	2	5	6	3	0	1	17	53	6.3		
HUNTSVILLE WSO AP	18	1.2	7.0	28++	12	17	78	82	S2	55	6	2	4	2	1	0	15	-	5.9		
MOBILE WSO AP	18	1.4	5.8	29++	3	09	88	90	61	72	6	4	8	1	3	0	22	-	6.9		
MONTGOMERY WSO AP	22	1.2	4.0	33	SW	09	81	87	SS	61	6	4	4	3	1	1	19	63	6.1		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JULY 1977

STATION			TEMPERATURE													PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

JULY

1977

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	1.50 OR MORE	1.00 OR MORE
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW										
MINTER 3 NW	R	95.3M	70.6M	83.0M		105	8	63	16	0	27	0	0	0	5.06		1.23	30	-0	0		11	5	1
MONTGOMERY WSO AP		93.8	73.4	83.6	2.6	102	7	70	10	0	27	0	0	0	6.62	1.53	2.11	29	-0	0		9	5	2
SELMA		94.3	73.2	83.8	2.1	103	7	65	4	0	27	0	0	0	5.50	.51	2.50	29	-0	0		7	4	1
UNION SPRINGS 4 S		93.4	71.0	82.2	2.0	100	15*	67	18*	0	26	0	0	0	9.26	3.03	3.10	29	-0	0		11	6	2
DIVISION				82.8	1.8									5.77	.52			-0						
COASTAL PLAIN																								
ANDALUSIA 1 NW		88.3M	66.9M	77.6M	- 3.2	95	6	64	18*	0	23	0	0	0	9.07	2.62	1.52	29	-0	0		18	7	2
ATHENS		92.9	71.2	82.1		98	15*	67	18	0	23	0	0	0	6.09		1.76	31	-0	0		10	4	3
BEATRICE 1 E		93.0	73.6	83.3		98	15*	69	18	0	25	0	0	0	5.36	-.85	2.47	30	-0	0		8	3	1
BRANTLEY		93.5	65.2	79.4		100	15	62	23*	0	26	0	0	0	5.80	.30	1.61	30	-0	0		10	3	1
BREWTON 3 ENE		92.5	69.0	80.8		100	15	65	18*	0	23	0	0	0	6.21		1.29	19	-0	0		12	5	2
BREWTON 3 SSE		93.7	68.8	81.3	1.0	99	14*	65	18*	0	27	0	0	0	9.20	1.55	2.79	29	-0	0		14	6	3
CAMDEN 3 NW		94.6	67.0	80.8		104	8	64	19*	0	24	0	0	0	6.22		1.38	9	-0	0		9	4	2
CHATOM 4 N		94.4	69.9	82.2		106	16	61	31	0	27	0	0	0	8.46		2.73	9	-0	0		9	5	5
CLAYTON		91.1	69.4	80.3		98	15	65	18*	0	20	0	0	0	5.56	.06	1.42	15	-0	0		9	3	2
ENTERPRISE																								
EUFULA WILDLIFE REF		94.6	70.4	82.5	1.5	101	8*	65	10	0	26	0	0	0	7.69	1.25	2.00	28	-0	0		13	5	3
EVERGREEN		91.3	70.5	80.9	.4	98	15*	67	18	0	18	0	0	0	4.95	1.68	.72	19	-0	0		13	5	0
FRISCO CITY		91.3	69.5	80.4		99	15	65	12	0	20	0	0	0	4.10	- 2.71	1.50	15	-0	0		8	3	1
GENEVA 2		93.0	69.6	81.3		99	15	66	18	0	27	0	0	0	5.15		1.62	24	-0	0		9	3	1
GILBERTOWN		94.4	70.1	82.3		100	4	67	17*	0	26	0	0	0	4.59		.92	28	-0	0		10	3	0
GREENVILLE																								
HEARLAND		92.4	71.1	81.8		101	14	67	12*	0	21	0	0	0	3.55		1.23	28	-0	0		9	2	1
HIGHLAND HOME		93.4	69.5	81.5	1.2	101	15*	66	19*	0	22	0	0	0	5.24	-.76	1.85	30	-0	0		8	4	2
OZARK 6 NNW		93.2	70.9	82.1	1.6	99	14*	68	18*	0	26	0	0	0	4.84	1.51	1.10	30	-0	0		9	4	2
PITTSVIEW		94.9M	67.3M	81.1M		103	9*	64	12*	0	28	0	0	0	4.11		.82	29	-0	0		9	3	0
THOMASVILLE		95.0	69.0	82.0	1.5	102	9	66	12*	0	27	0	0	0	5.24	-.82	1.62	26	-0	0		8	3	2
TROY		94.2	70.3	82.6	2.4	102	16*	68	12*	0	25	0	0	0	4.15	- 2.00	.73	26	-0	0		11	3	0
WATLEY		96.5M	69.9	83.2M		100	10	65	20*	0		0	0	0	3.35	- 3.81	1.10	31	-0	0		10	2	1
DIVISION				81.4	.8									5.66	.76			-0						
GULF																								
BAY MINETTE 3 NNW		92.3	72.5	82.4		96	14*	67	12	0	28	0	0	0	1.76		1.20	11	-0	0		3	1	1
CODEN		90.6	78.2	84.4		95	15	69	11	0	24	0	0	0	2.27		1.50	11	-0	0		3	1	1
DAUPHIN ISLAND 2		91.8	72.7	82.3	1.0	96	8	69	19*	0	25	0	0	0	5.04	- 3.19	1.69	15	-0	0		7	4	2
FAIRHOPE 2 NE		91.9	75.0	83.5	1.9	97	2*	70	10	0	25	0	0	0	7.77	1.09	1.56	10	-0	0		12	4	3
MOBILE WSO AP																								
ROBERTSDALE		91.4M	71.8M	81.6M	1.0	96	15*	69	18	0		0	0	0	8.66	.11			-0	0				
DIVISION				82.8	1.4									5.10	2.84			-0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
JULY 1977

STATION		TOTAL	DAY OF MONTH																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																		
ATHENS 2		2.40			.03						.15								1.00		.02													
BELLE MINA 2 N		2.34	.31	.21						.27		.10							.22		.01	.01				.10	.37	.11				.23	.40	
FALKVILLE 1 E		4.11	.04	.16						.75	.09	.10						1.55	.11		.02		.05	.10	.17		.01	.21				.40	.58	
HODGES		2.73		.73							.15	.05					.90	.12		.08		.06		.10	.03	.24	.03					.10	.14	
HUNTSVILLE WSD AP		3.41	.05							.36	.14	.12						1.16				.55	.03	T	T							.20		
MOULTON 2		1.61	.04							.18		.02					.05	.04	T		.06		.75							.41		.00	T	
MUSCLE SHOALS FAA AP		.92	.09							.05		T						.05	T		.08	T		.04	.01					.40	.20			
RED BAY																																		
RUSSELLVILLE 2		3.35		.10							.03	1.38						.01		.20		.54	.12			.03			.11			.25	.58	
WATERLOO																																		
* * * APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSH		7.97								.30	.57		.50		.63	.64		.24		.12			.85	.05	.60	.15	1.62	.35	.05				1.35	
BIRMINGHAM WSD AP		6.24								.17	.38	.01	.52	T	.01	T		.40		.25			.05	.05	.05	.50	.33	.82	2.48	.25			.02	
BOAZ		2.29	.37	.88											.19			.89	.58					.05	.05		.38				.15			
FORT PAYNE		2.63	.16										.04	.02				.75	.24		.02		.84	.01	.32		.03	.20					T	
GARDEN CITY		5.42		.35															.76				.16			.15	.53			.20	3.27			
GUNTERSVILLE		1.69	.21							.08					.31		.02	.12	.02		.05		.01		.04	.41					.42			
LEEDS		3.40	.12							.02					T	.27	.08				.07	.05			.33		.04	.41	1.62		.61	.28		
ONEONTA		2.37	.20							.05																					.18	.08		
PALMERDALE 2 W		5.98									.12				.45	.28	.90		.52				.55				.32			2.92	.20			
SAINT BERNARD		1.89	.08							.30	.04						.01			.03			.01		.06	1.00		.02	.25	.09				
SAND MT SUBSTA AU		2.88	.10	.12						.03	.04			.13				1.43						.08		.78						.27		
SAYRE		8.52								.63								.29	T	.98				1.29	2.00		2.13	.33		.77	.10			
SCOTTSBORO		2.74	.08	.05							.03	1.16												.70						.30				
VALLEY HEAD		2.84	.05	.25							1.45		T	.07				T	.42							.10	.05		T	.02	.43	T		
WARRIOR 6 W		4.30								1.14						.02							.24	.23		.56	.47		1.64					
* * * UPPER PLAINS 03																																		
ALICEVILLE		6.02								.05	.32	.07	.32			1.99	.01	.22	.09	.03	.05			.02		.48	.05	1.65	.20	.47				
ARLEY 3 S		3.57	.14							.11	.25	.26						.10	.62				.15	.01	.14	.61	.03	.50	.53	.12				
AUTUGAVILLE 3 N		3.35		.08							.37	.03		.18				.33	.46		.05													
BARKHEAD LOCK AND DAM		6.37								.02	1.40	.01	.15		.04	.39	.11	.03	.07	.02	.09	.05			.04		1.00	1.69	.06	1.20	.05			
BILLINGSLEY 1 SE																																		
BROOKWOOD		6.03								1.15	1.85	.33	.10	T	.15	T		.20		.30		.15	.60	T	.75	.05		.40						
CARBON HILL		5.07								.10	.53	.05				.62			.01	.25	.04				.54	1.42	.32	.35	.72	.12			T	
CENTREVILLE WSPD		6.89								.13	.07	.78			.01	.07	.07	.01	.06	.15	.07		.02			2.65	.11	1.05	1.22	.42				
CLANTON		6.36								1.75												.65	1.20		.10	.55		.17	.52	1.37				
CORDOVA 2 ENE		5.00								.36	.34	.48				.12	.01	.03	.53	.03	.05			.06	.14	.39	.18		2.23	.10				
DOUBLE SPRINGS		3.76								.41	.06					.10	.29	1.20								.09	.26		.17	.63	.14			
ELMO		3.65								.19	.23				.23		.10	.32	.59	.40		.01		1.15	.27	.09		.39	.09					
FAYETTE		2.56								.16						.07	.06	.49	.05				.04			1.57						.12		
GORGAS		8.08								.02	.02		.17		.24	.04	.33	.31		.50			.91	.40		1.71	1.44		1.56	.43				
HALEYVILLE 3 NE		5.26	.14							.13	.47	.90		.57	.31	.04	.06	.40	.18	.08	T	.33	.17	.88	.16		.13			.35				
HAMILTON 3 S		6.38								1.47	.16	.35		.18	.19	1.80	.12	.04	.08	.01			.10			.85	.96		.04	.03	T			
JASPER 4 N		6.16								.29	.04	1.95	.84		.18	.22	.16	.02	.16				.13	1.02		.42	.20	.13		.18	.33	.73		
LAY DAM		3.32									.31	1.84	.03	.12			.05		.07				.10	1.75		.18	.60		.46	.71				
MITCHELL DAM		3.36	.07	.18						.16			.15	.17			.06		.38	.03				.16	.09		.05	1.05		.28	.62			
PICKENSVILLE																																		
PLANTERSVILLE 2 SSE		5.45								T		.15	.15	.85		.05		.90					T					.95	.10		.75	1.50	.05	
PRATTVILLE											.13	.08	.12			.20	.02	.65		.02		.48	.02		1.18	.10		.09	.99	.98	.63	1.41	.03	
REFORM 2 E		7.27									.78						.08			T	.01				.60	1.60		.32	.46		.78	1.05	.15	
THURSDAY EXP STATION		5.83									.93	.12		T	.19	.08		.08	.03		.22	.01			.10	2.00		.42	.58		.56	.08	T	
TUSCALOOSA FAA AP		6.30								.12	.93	.12																						
TUSCALOOSA OLIVER DAM		6.51								.06	1.50	.17			.16		.01	.01	.05	.15	.04	.33		.07	2.10		.04	1.11		.90	.19	.78	.06	
VENARD 2 N		5.39								.90	.36			.98	.31		.01	.01	.05		.07	.65										.63	.27	
WEST BLOCTON		3.40								.05	.85	.1.15</																						

# DAILY PRECIPITATION

ALABAMA  
JULY 1977

STATION	TOTAL	DAY OF MONTH																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MILSTEAD	6.33									.56					.20				.20	.30	.20							.28	.04	2.64	1.91				
MINTER 3 NW	5.06		.23							.13	.02	.17	.92	.26	.16		.72		.15	.03									.51	.53	1.23				
MONTGOMERY WSO AP	6.62	.58	.09						.46	T	.07	.02	T		T			.13	.22	T	.06		T	.69				.31	.71	1.18	2.11	T			
REDDYVILLE	5.38																		.17	.15	.41						1.05	.03	2.30	.67	.53				
PINE LEVEL	5.42	.30			.06					.06		.12			2.04	.01	.07		.56	.20	.09				.63				.04		.59	.65			
SILPA	5.50									.60			.72					.07	.12	.34	.02							.03	.07	.20	2.50	.80	T		
SUTTLE	4.04									.09									1.10	.10	.12	.25	.73						1.00	.65					
UNION SPRINGS 4 S	9.26	.43			1.42					.09	.07		.08						.10	.43	.06								.63	.72	3.10	.80	.42		
UNION TOWN	4.87										.28				1.34						.10						.85		.63	.10	2.10				
WARRIOR LOCK AND DAM	5.42									.14	.04	.54	.37		.05	.26	.15				.05				.03		.64	1.40	.50	.07	.84	.23	.01		
COASTAL PLAIN	07																																		
ABBEVILLE 1 NW	3.63			.46	.08	.20	.54			.11									.71	.20	.04				.34				.40		.24	.31			
ALBERTA	5.93			.02															.07	.02	.03				.02	.34			.82	2.03	.95	.06			
ANDALUSIA 1 NW	9.07		.03	.60	.30			.50	.04		.20	.10	.78				.10	.97	.30	.20	.37	.24	.21			.88	.89		1.00	1.52	.46	.53			
ATHORE	6.09		.08		.13		1.35			.55	.03				.13	.40				.20		.02							.13	.03	.28	1.00	1.76		
BEATRICE 1 E	5.36		.06		.16					.48	.31	.42			.70					.50										.03	.28	1.00	1.76		
BRANTLEY	5.80				.38						.91					.35		.41		.39	.10					.42	.22		.08	.07	1.61	.83			
BREXTON 3 ENE	6.21		.13		.11			.50			.08	T		.03	T	.11				1.29	.41	.75			.05	.04		.67	.10	.42	.36	1.16			
BREXTON 3 SSE	9.20		.50					.22			.31	.22	.08				.44	.12		1.35	.15	.10						.55	.91	2.79	.30	1.16			
BRUNIDGE	3.75		.05		.05	T		.06	.19		.03	.23				.34	T		.43	.39					.02				1.05	T	.09	.26	.56		
CADEN 3 NW	6.22		.07		T			1.38			.31	T	.08				.44		.23		.11	.01	.43				1.23		.02	.94	.94	.03			
CHATHAM 4 N	8.46		.12					2.73		.12	1.40	.12					.02			1.12								.01	.07	.03	.21	1.18	1.25		
CLABORNE	4.47			1.32				.02	.10	.26	.07		.03		.11			.28		.26		.31							.05	.30	.27	.32	.08		
CLAYTON	5.56		.41					.03		.46					1.42			1.11		.46	.10	.15								.30	.27	.32	.08		
COFFEE SPRINGS 2 NW	5.55		.20				.50			.43						.35	.28								.44					.30	.27	.32	.08		
COTTONTON	5.01			.34		.30																								.49	.69	.44	.94		
ELBA	3.62			.06	.46	.61	.07					.10							.02	.10					.02				.97	.43	.21	.03	.55		
ENTERPRISE																																			
EUFULA WILDLIFE REF	7.69	.12				.12				.06	.84		.13			.03			.35	.36	.25				.19			1.02	2.00	1.39	.31	.52			
EVERGREEN	4.95		.57								.40	T	.53					.10	.30	.72	.30	.20			.53				.20	.10	.30	.70			
FRISCO CITY	4.10										.50					1.50	.20	.20	.20	.05	.20	.80								.40		.05			
GENEVA 2	5.15	.05	.02					.08	.35	.04		.15						.09	.30	.47	.01				1.62				.20	.10		.77			
GEORGIANA	9.52		.55		T			.07			.21	2.40				.22	.03	1.81	.35	.16	.17				.02			T		.52	.21	1.35	1.46		
GILBERTOWN	4.59			.05	.40	T			.10		.40	.50			.05	.10			.46		.35									.92	.49	.72	.06		
GREENVILLE																																			
HEADLAND	3.55		.13					.10		.36		.10				.40				.10	.55	.05			.01					1.23	.05		.47		
HIGHLAND HOME	5.24									.46		.10				.16			1.31	.06	.05					.51			.52	.03	.185	.20	.20		
JACKSON	4.34		.41							.58	.06	.16				.68	.51	.34	.06	.13	.01	.13								.43	.09	.75			
KINSTON	7.77			.15	.18		.02		.02		.56	T				.01		1.01		.27	.32	.04				2.13				1.15	.15	.11	1.65		
LOUISVILLE	6.65			.16	.32				.04		.13				.33			.60	1.21	.14									.09	.61	1.40	.50	.92		
MELVIN																																			
NEWTON	5.40		1.00			.80					.60							.80											1.80	.40					
OZARK 6 NW	4.84		1.05			.35			.05									.35	.20							.12				.87	.65	1.10	.10		
PINE APPLE	5.53		.34	.11	.15				.82	.86	.15					.31			.15											.07	.04	1.17	.06	.40	
PITTSVIEW	4.11	.04	.04	.19	.03					.21	.03	.01			.05	.33			.03	.26		.38								.02	.60	.82	.76	.11	
RIVER FALLS	9.16				.19			.37	.53	1.30					.32		.13	.35	.60						.70	1.60		1.11	1.12				.84		
THOMASVILLE	5.24		.05						.02	.04	.26	.29	.38			.06	.05	.09	.24			.27						1.62	T	.65	1.13	.09			
TROY	4.15				T	T					.39					.51	.40		.08	.35	.10				.30			.73	.21	.51	.36	.21			
WALLACE 2 E	6.88					.73									1.50	.35		.10		1.00									.50	.70	.20	.00			
WARTLEY	3.35										.10	.68				.12	.32		.12	.27								.25		.27	.12	1.10			
GULF	08																																		
DAY MINETTE 3 NW																.84			T	.35	.30							.01	T	.01	.28	.61	1.59		
CODEN	1.76		.08								.19	1.20	T					.08	T												.21				
DAUPHIN ISLAND 2	2.27										1.50					.08			.29	.06										.05	T	.44			
FAIRHOPE 2 NE	5.04		.04		.06		T	.11			.50					1.69					.03	.01	.08										.14		
MOBILE WSO AP	7.77	T	.21		.01	T		.20		1.39	1.56	.11	1.46	T	.21	T	T		.02	.06	.98							.41	T	.17	.04	.48	.46		
ROBERTSDALE	8.66		.85		.81	T					1.14	.03	T		.13	.41	1.18	T	.06		.02	.14	.37	T			T	X	X	X	X	X	3.52		

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
• • •															
NORTHERN VALLEY	01														
ATHENS 2	SNOWFALL 1 IN ON GO							-						-	
BELLE MINA 2 N	SNOWFALL 1 IN ON GO						T	1.1						1.1	
FALKVILLE 1 E	SNOWFALL 1 IN ON GO							-						-	
FLORENCE	SNOWFALL 1 IN ON GO							-	T					-	
HOOGES	SNOWFALL 1 IN ON GO						T	-						-	
HUNTSVILLE WSO AP	SNOWFALL 1 IN ON GO					.1	T	.9	T					1.0	
MDULTON 2	SNOWFALL 1 IN ON GO					T	T	1.4						1.4	
MUSCLE SHOALS FRA AP	SNOWFALL 1 IN ON GO					T	T	1.2	T					1.2	
NEW MARKET 2	SNOWFALL 1 IN ON GO					-	T	1.8						-	
RED BAY	SNOWFALL 1 IN ON GO						-	-						-	
RUSSELLVILLE 2	SNOWFALL 1 IN ON GO							-						-	
WATERLOO	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-	
• • •															
APPALACHIAN MOUNTAINS	02														
ALBERTVILLE 2 SE	SNOWFALL 1 IN ON GO							-						-	
BESSEMER 3 WSW	SNOWFALL 1 IN ON GO							-						-	
BIRMINGHAM WSO AP	SNOWFALL 1 IN ON GO					T	T	1.4	T					1.4	
BOAZ	SNOWFALL 1 IN ON GO					T	T	1						1	
BRIDGEPORT	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLLINSVILLE	SNOWFALL 1 IN ON GO							-						-	
FORT PAYNE	SNOWFALL 1 IN ON GO						T	-	T					-	
GARDEN CITY	SNOWFALL 1 IN ON GO							1.5						1.5	
GUNTERSVILLE	SNOWFALL 1 IN ON GO							-						-	
LEEDS	SNOWFALL 1 IN ON GO							2.0						2.0	
MAGELLA	SNOWFALL 1 IN ON GO							-						-	
ONEONTA	SNOWFALL 1 IN ON GO						T	1.8						1.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
PALMERDALE 2 W	SNOWFALL 1 IN ON GD							.5 -						.5 -	
SAINT BERNARD	SNOWFALL 1 IN ON GD					.2		- -						- -	
SAND MT SUBSTA AU	SNOWFALL 1 IN ON GD							.9 -						.9 -	
SAYRE	SNOWFALL 1 IN ON GD							- -						- -	
SCOTTSBORO	SNOWFALL 1 IN ON GD														
VALLEY HEAD	SNOWFALL 1 IN ON GD					T	T	5.4 4	T					5.4 4	
WARRIOR 6 W	SNOWFALL 1 IN ON GD							3.1 -						3.1 -	
• • •															
UPPER PLAINS	03														
ALICEVILLE	SNOWFALL 1 IN ON GD							- -	- -					- -	
ARLEY 3 S	SNOWFALL 1 IN ON GD							- -						- -	
AUTAUGAVILLE 3 N	SNOWFALL 1 IN ON GD							- -						- -	
BANKHEAD LOCK AND DAM	SNOWFALL 1 IN ON GD							- -						- -	
BILLINGSLEY 1 SE	SNOWFALL 1 IN ON GD							- -	- -					- -	
BROOKWOOD	SNOWFALL 1 IN ON GD							- -						- -	
CARBON HILL	SNOWFALL 1 IN ON GD							- -						- -	
CENTREVILLE WSMO	SNOWFALL 1 IN ON GD							7.9 4						7.9 4	
CLANTON	SNOWFALL 1 IN ON GD							6.0 -						6.0 -	
CORDOVA 2 ENE	SNOWFALL 1 IN ON GD							- -						- -	
ODUBLE SPRINGS	SNOWFALL 1 IN ON GD							1.0 1						1.0 1	
ELROD	SNOWFALL 1 IN ON GD							4.5 -						4.5 -	
FAYETTE	SNOWFALL 1 IN ON GD							- -						- -	
GORGAS	SNOWFALL 1 IN ON GD							- -						- -	
HALEYVILLE 3 NE	SNOWFALL 1 IN ON GD							.7 -						.7 -	
HAMILTON 3 S	SNOWFALL 1 IN ON GD					T	T	.7 3						.7 3	
JASPER 4 N	SNOWFALL 1 IN ON GD							1.0 4						1.0 4	
LAY DAM	SNOWFALL 1 IN ON GD							- -						- -	
MITCHELL DAM	SNOWFALL 1 IN ON GD							- -						- -	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
PICKENSVILLE	SNOWFALL 1 IN ON GD							- -						- -	
PLANTERSVILLE 2 SSE	SNOWFALL 1 IN ON GD							6.0 -						6.0 -	
PRATTVILLE	SNOWFALL 1 IN ON GD							4.0 -						4.0 -	
REFORM 2 E	SNOWFALL 1 IN ON GD							5.7 -						5.7 -	
THORSBY EXP STATION	SNOWFALL 1 IN ON GD							- -						- -	
TUSCALOOSA FAA AP	SNOWFALL 1 IN ON GD					T		4.0 3	T					4.0 3	
TUSCALOOSA OLIVER DAM	SNOWFALL 1 IN ON GD							- -						- -	
VERNON 2 N	SNOWFALL 1 IN ON GD						T	2.3 -						2.3 -	
WEST BLOCTON	SNOWFALL 1 IN ON GD							- -						- -	
WINFIELD 2 SW	SNOWFALL 1 IN ON GD							1.3 -						1.3 -	
. . .															
EASTERN VALLEY 04															
ANNISTON FAA AP	SNOWFALL 1 IN ON GD							2.0 2						2.0 2	
CALERA 2 SW	SNOWFALL 1 IN ON GD							3.0 -						3.0 -	
CENTRE 4 SW	SNOWFALL 1 IN ON GD							1.0 -						1.0 -	
CHILDERSBURG WTR PLANT	SNOWFALL 1 IN ON GD							2.3 -						2.3 -	
DODSDEN STEAM PLANT	SNOWFALL 1 IN ON GD							- -						- -	
JACKSONVILLE	SNOWFALL 1 IN ON GD							- -						- -	
LEESBURG	SNOWFALL 1 IN ON GD							5.0 -						5.0 -	
MONTEVALLO	SNOWFALL 1 IN ON GD							- -						- -	
PELL CITY 1 NNE	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	
SYLACAUGA 4 NE	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	
TALLADEGA	SNOWFALL 1 IN ON GD							1.0 -						1.0 -	
WALNUT GROVE	SNOWFALL 1 IN ON GD							- -						- -	
. . .															
PIEDMONT PLATEAU 05															
ALEXANDER CITY	SNOWFALL 1 IN ON GD							.3						.3	
ASHLAND 2 SSE	SNOWFALL 1 IN ON GD							3.5 -						3.5 -	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
AUBURN AGRONOMY FARM	SNOWFALL 1 IN ON GD							5.8 2						5.8 2	
CAMP HILL 2 NW	SNOWFALL 1 IN ON GD							3.0						3.0	
DADEVILLE	SNOWFALL 1 IN ON GD							-						-	
DELTA	SNOWFALL 1 IN ON GD							2.0						2.0	
HEFLIN	SNOWFALL 1 IN ON GD							3.5						3.5	
HIGHTOWER	SNOWFALL 1 IN ON GD					T		2.5						2.5	
JORDAN DAM	SNOWFALL 1 IN ON GD							-						-	
LAFAYETTE	SNOWFALL 1 IN ON GD							2.8 1						2.8 1	
MARTIN DAM	SNOWFALL 1 IN ON GD							-						-	
OPELIKA	SNOWFALL 1 IN ON GD							5.3	T					5.3	
ROCKFORD 2 NNW	SNOWFALL 1 IN ON GD							3.3						3.3	
ROCK MILLS	SNOWFALL 1 IN ON GD							-						-	
THURLOW DAM	SNOWFALL 1 IN ON GD							-						-	
WAOLEY	SNOWFALL 1 IN ON GD							-						-	
• • •															
PRAIRIE	06														
CUBA	SNOWFALL 1 IN ON GD							3.8						3.8	
DAYTON 1 N	SNOWFALL 1 IN ON GD							2.0						2.0	
DEMOPOLIS LOCK AND DAM	SNOWFALL 1 IN ON GD							2.1						2.1	
GAINESVILLE	SNOWFALL 1 IN ON GD					T		5.0 4						5.0 6	
GREENSBORO	SNOWFALL 1 IN ON GD							-						-	
HAYNEVILLE	SNOWFALL 1 IN ON GD							-	-					-	
LIVINGSTON 2 SW	SNOWFALL 1 IN ON GD							8.0						8.0	
MARION 6 NE	SNOWFALL 1 IN ON GD							7.0						7.0	
MARION JUNCTION 2 NE	SNOWFALL 1 IN ON GD							-						-	
MATHEWS 2 N	SNOWFALL 1 IN ON GD							-						-	
MILSTEAD	SNOWFALL 1 IN ON GD							4.0	-					-	
MINTER 3 NW	SNOWFALL 1 IN ON GD							6.0						6.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MONTGOMERY WSO AP	SNOWFALL 1 IN ON GD							6.0 2						6.0 2	
PERRYVILLE	SNOWFALL 1 IN ON GD							6.5 -						6.5 -	
PINE LEVEL	SNOWFALL 1 IN ON GD							7.5 -						7.5 -	
SELMA	SNOWFALL 1 IN ON GD							5.8 -						5.8 -	
SUTTLE	SNOWFALL 1 IN ON GD							- -						- -	
UNION SPRINGS 4 S	SNOWFALL 1 IN ON GD							7.5 -						7.5 -	
UNIONTOWN	SNOWFALL 1 IN ON GD							4.5 -						4.5 -	
WARRIOR LOCK AND DAM	SNOWFALL 1 IN ON GD							.2 -						.2 -	
• • •															
COASTAL PLAIN	07														
ABBEVILLE 1 NNW	SNOWFALL 1 IN ON GD							- -	T					- -	
ALBERTA	SNOWFALL 1 IN ON GD							- -						- -	
ANDALUSIA 1 NW	SNOWFALL 1 IN ON GD							T						T	
ATMORE	SNOWFALL 1 IN ON GD							4.1 -						4.1 -	
BEATRICE 1 E	SNOWFALL 1 IN ON GD							- -						- -	
BRANTLEY	SNOWFALL 1 IN ON GD							- 2						- 2	
BREWTON 3 ENE	SNOWFALL 1 IN ON GD							- -	-					- -	
BREWTON 3 SSE	SNOWFALL 1 IN ON GD							- -						- -	
BRUNDIDGE	SNOWFALL 1 IN ON GD							- -	T					- -	
CAMDEN 3 NW	SNOWFALL 1 IN ON GD							- -						- -	
CHATAM 4 N	SNOWFALL 1 IN ON GD							- -						- -	
CLAIBORNE	SNOWFALL 1 IN ON GD							6.5 -						6.5 -	
CLAYTON	SNOWFALL 1 IN ON GD							- -						- -	
COFFEE SPRINGS 2 NW	SNOWFALL 1 IN ON GD							- 1						- 1	
COTTONTON	SNOWFALL 1 IN ON GD							- -						- -	
ELBA	SNOWFALL 1 IN ON GD							- -						- -	
ENTERPRISE	SNOWFALL 1 IN ON GD							4.8 -						4.8 -	
EUFULA WILDLIFE REF	SNOWFALL 1 IN ON GD							4.0 1						4.0 1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
EVERGREEN	SNOWFALL 1 IN ON GD							5.0						5.0	
FRISCO CITY	SNOWFALL 1 IN ON GD							7.5						7.5	
GENEVA 2	SNOWFALL 1 IN ON GD							3.5						3.5	
GEORGIANNA	SNOWFALL 1 IN ON GD							-						-	
GILBERTOWN	SNOWFALL 1 IN ON GD							6.7						6.7	
GREENVILLE	SNOWFALL 1 IN ON GD							-	-					-	
HEADLAND	SNOWFALL 1 IN ON GD							3.5	T					3.5	
HIGHLAND HOME	SNOWFALL 1 IN ON GD							4.9						4.9	
JACKSON	SNOWFALL 1 IN ON GD							6.0						6.0	
KINSTON	SNOWFALL 1 IN ON GD							-						-	
LOUISVILLE	SNOWFALL 1 IN ON GD							7.0						7.0	
MELVIN	SNOWFALL 1 IN ON GD							5.5						5.5	
NEWTON	SNOWFALL 1 IN ON GD							-	-					-	
OZARK 6 NNW	SNOWFALL 1 IN ON GD							-	T					-	
PINE APPLE	SNOWFALL 1 IN ON GD							-	-					-	
PITTSVIEW	SNOWFALL 1 IN ON GD							2.8						2.8	
RIVER FALLS	SNOWFALL 1 IN ON GD							-	-					-	
THOMASVILLE	SNOWFALL 1 IN ON GD							-	-					-	
TROY	SNOWFALL 1 IN ON GD							4.0	T					4.0	
WALLACE 2 E	SNOWFALL 1 IN ON GD							-	-					-	
WHATLEY	SNOWFALL 1 IN ON GD							6.5						6.5	
• • •															
GULF	OB														
BAY MINETTE 3 NNW	SNOWFALL 1 IN ON GD							2.9						-	
CODEN	SNOWFALL 1 IN ON GD							.4						.4	
DAUPHIN ISLAND 2	SNOWFALL 1 IN ON GD							-						-	
FAIRHOPE 2 NE	SNOWFALL 1 IN ON GD							-						-	
MOBILE WSO AP	SNOWFALL 1 IN ON GD						T	1.9						1.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1976 - 1977

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
ROBERTSDALE	SNOWFALL 1 IN ON GO							-	-					-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY TEMPERATURES

ALABAMA  
JULY

1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	94 73	91 74	91 56	91 60	91 65	97 68	98 69	100 71	101 68	96 67	91 66	88 68	94 69	98 73	100 69	100 68	98 65	93 69	92 69	90 69	93 68	92 70	94 72	91 73	89 68	90 62	91 65	83 66	86 68	91 66	93.4 67.8	
BELLE MINA 2 N	MAX MIN	94 69	90 68	88 61	90 63	96 67	97 69	98 70	100 72	100 70	93 68	92 67	86 68	93 70	97 69	102 70	101 71	100 70	97 68	93 69	94 70	93 70	95 70	94 70	96 72	93 73	90 72	92 64	92 65	82 67	84 68	90 68	93.6 68.6
FALKVILLE 1 E	MAX MIN	93 74	92 67	89 58	91 61	96 66	98 68	98 68	102 70	103 68	93 66	90 67	86 68	93 69	94 68	99 69	101 68	97 66	96 66	96 68	90 69	94 69	94 70	91 68	94 71	92 74	88 72	87 63	90 66	78 66	82 67	91 65	93.0 67.6
HUNTSVILLE WSO AP	MAX MIN	91 70	89 69	91 63	95 65	96 69	98 71	99 71	101 72	92 70	91 68	89 68	91 70	95 72	99 71	100 74	99 72	97 71	95 70	94 75	93 75	95 74	94 75	94 78	93 78	94 76	93 70	83 73	85 70	92 75	91 71	93.7 71.7	
MOULTON 2	MAX MIN	93 73	87 67	91 60	96 67	98 67	100 71	101 71	102 73	95 71	93 69	87 69	93 69	97 71	103 68	103 72	100 69	99 70	94 67	92 72	90 70	96 71	94 71	94 72	91 74	89 76	94 72	94 65	86 71	90 70	92 73	89 68	94.3 70.0
MUSCLE SHOALS FAR AP	MAX MIN	91 72	88 66	89 62	94 65	97 68	99 71	100 71	101 73	96 72	93 71	86 70	93 70	99 72	102 71	102 76	99 73	100 72	96 70	93 72	91 72	95 71	94 72	94 73	97 73	92 70	93 74	94 69	84 70	86 71	93 72	89 69	94.2 70.7
RED BAY	MAX MIN																																
RUSSELLVILLE 2	MAX MIN	94 69	93 65	92 57	92 59	97 60	99 64	100 67	100 67	102 70	94 69	91 68	85 68	91 68	93 67	99 67	101 68	98 66	96 64	92 65	86 70	87 67	93 68	93 68	93 68	93 72	88 71	91 64	92 65	83 70	83 70	91 61	93.0 66.5
WATERLOO																																	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	95 72	94 68	95 65	98 68	99 67	101 68	105 75	99 74	95 68	93 65	85 65	92 65	95 70	98 69	97 70	98 74	98 69	92 72	85 71	92 72	93 74	94 72	97 72	90 75	92 75	90 71	88 70	85 73	85 74	91 73	91 67	93.6 70.4
BIRMINGHAM WSO AP	MAX MIN	96 77	95 71	94 69	99 65	99 72	102 73	105 74	104 71	97 71	92 68	89 72	92 74	94 75	99 73	100 70	98 72	95 73	92 66	88 76	90 75	93 73	93 74	95 73	88 77	92 74	89 73	82 75	84 74	91 73	88 75	93.7 73.1	
GUNTERSVILLE	MAX MIN	95 75	92 69	89 64	96 65	97 73	98 74	101 75	101 69	95 69	94 67	93 71	93 71	97 73	101 68	98 71	100 72	95 68	96 71	96 66	96 67	99 70	94 71	94 72	92 73	88 67	91 70	91 67	77 69	88 68	93 71	94.4 70.0	
ONEONTA	MAX MIN	98 71	96 67	90 61	94 59	96 63	97 69	100 72	104 73	104 68	95 66	92 66	90 68	92 70	95 69	99 70	101 70	100 66	97 66	92 68	94 70	94 68	98 71	94 68	90 73	90 70	90 68	78 73	80 68	91 69	91 68	94.0 68.4	
SAINT BERNARD	MAX MIN	97 72	95 66	90 60	92 64	98 66	98 70	103 69	104 72	105 68	95 66	94 65	90 70	94 69	95 68	103 69	104 68	102 66	101 66	98 68	96 69	95 69	98 69	94 72	97 66	94 73	92 66	90 73	79 69	82 68	90 69	95.3 68.4	
SAND MT SUBSTA AU	MAX MIN	90 72	90 66	86 57	89 64	94 67	94 70	98 69	99 72	100 68	94 66	91 65	89 70	88 65	93 71	97 70	100 69	98 65	94 65	90 69	90 69	91 68	93 69	91 72	91 68	87 73	89 72	87 64	88 64	74 65	82 66	90 67	91.2 67.7
SCOTTSBORO	MAX MIN	91 71	94 66	90 58	92 61	95 65	97 66	99 68	101 69	102 69	96 66	92 65	93 69	93 69	98 72	101 69	102 69	99 68	97 66	93 69	93 67	93 67	96 68	92 68	94 68	90 72	89 70	91 64	79 67	79 66	93 68	93.7 67.3	
VALLEY HEAD	MAX MIN	90 69	90 65	84 56	89 57	92 62	93 66	95 66	97 68	100 69	92 66	88 64	87 67	89 66	93 67	97 68	98 69	96 65	95 62	89 68	89 67	89 65	93 67	90 66	89 72	87 60	87 63	87 62	85 65	79 65	75 66	89 65	90.1 65.3
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	96 74	98 70	96 67	98 67	101 70	103 74	103 73	104 77	103 71	99 67	93 69	84 71	91 69	92 70	100 67	94 69	95 71	97 68	89 70	84 72	90 71	94 72	95 72	94 74	94 73	94 71	88 72	91 75	85 71	89 72	90 70	94.5 70.8
BANKHEAD LOCK AND DAM	MAX MIN	96 73	95 73	98 70	97 70	103 70	104 71	106 73	107 75	103 71	98 67	94 67	85 72	94 74	97 74	98 71	101 71	98 73	97 71	96 72	87 72	94 73	95 69	95 74	98 73	90 75	90 73	92 75	86 71	86 72	91 74	91 72	95.6 72.1
CENTREVILLE WSMO	MAX MIN	95 70	96 71	95 69	96 69	99 70	99 71	102 75	103 72	103 70	96 65	92 67	88 68	91 67	95 71	96 67	98 69	96 67	96 67	89 67	93 71	91 71	94 70	98 72	94 70	88 73	95 72	86 70	83 72	86 72	88 69	93.5 69.9	
CLANTON	MAX MIN	94 71	96 69	96 68	96 65	99 68	99 71	102 70	104 72	100 70	97 65	86 67	88 70	92 69	98 72	98 68	95 68	96 70	96 68	89 70	84 70	92 68	94 70	95 72	95 70	88 71	88 72	86 70	82 71	88 69	90 69	93.4 69.4	
DOUBLE SPRINGS	MAX MIN	95 72	94 66	92 61	92 65	99 68	100 72	102 73	103 74	102 70	94 66	90 67	92 68	91 70	92 69	96 71	100 68	98 68	96 66	90 66	86 70	92 70	93 71	91 71	93 72	90 73	88 71	89 66	79 69	82 70	90 67	92.9 69.1	
FAYETTE	MAX MIN	97 66	96 62	98 64	102 67	103 72	104 70	105 69	105 72	98 67	98 67	98 68	90 68	95 69	98 68	98 67	100 68	98 67	100 66	90 68	90 70	94 69	95 70	94 70	96 67	95 71	95 72	92 69	89 68	85 72	91 69	96.0 68.5	
HALEYVILLE 3 NE	MAX MIN	92 71			96 59	98 70	100 71	101 69	100 67	92 67	90 66	89 65	90 65	91 66	94 66	97 68	94 65	93 66	88 63	87 65	87 69	91 66	91 66	90 68	86 71	86 68	87 66	87 61	81 69	89 70	88 67	91.2 67.2	
HAMILTON 3 S	MAX MIN	96 65	93 65	93 57	98 57	99 61	103 64	103 68	103 69	104 70	94 68	90 66	85 68	90 69	93 69	94 68	95 66	95 66	96 64	91 64	84 70	90 66	93 70	92 70	95 74	93 73	87 71	90 72	86 66	91 71	85 64	90 66	93.3 66.7
JASPER 4 N	MAX MIN	98 72	99 67	94 63	95 64	99 66	101 69	103 71	105 72	105 70	97 69	95 67	87 68	93 69	94 69	98 67	101 69	98 68	98 65	95 65	85 67	91 68	96 68	93 71	95 70	90 73	91 72	92 67	82 68	82 70	82 69	94.3 68.5	
PRATTVILLE	MAX MIN																																
THORSBY EXP STATION	MAX MIN	94 73	94 69	95 67	97 66	100 69	99 73	104 71	99 72	96 70	88 67	85 67	88 66	94 70	95 72	95 69	91 67	93 68	88 66	82 70	89 68	93 70	94 70	92 72	85 72	87 72	83 69	82 69	77 7				

## DAILY TEMPERATURES

ALABAMA  
JULY

1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EASTERN VALLEY 04																																	
ANNISTON FAR AP	MAX MIN	91 69	89 69	90 64	93 67	97 69	99 72	102 72	100 72	98 70	94 67	92 70	95 72	94 71	100 73	100 70	97 71	97 71	91 70	90 70	93 70	96 70	95 73	93 71	92 72	96 72	91 74	85 72	76 68	81 68	92 74	94 72	93.3 70.5
CALERA 2 SW	MAX MIN	98 65	100 72	95 63	99 61	99 63	102 77	105 70	101 64	95 64	88 70	87 62	91 64	96 66	99 68	99 63	99 65	99 67	89 63	82 68	95 75	92 64	94 78	94 66	94 70	94 68	94 69	94 67	94 70	94 69	96 68	94 66	95.2 66.9
CENTRE 4 SW	MAX MIN	92 70	93 66	88 60	89 65	94 68	96 72	98 70	101 72	102 70	92 68	90 68	89 70	91 69	97 70	99 69	101 68	98 69	93 66	91 70	90 68	92 67	94 71	92 69	90 72	88 71	90 69	89 69	88 66	75 66	80 69	90 70	92.0 68.9
CHILDERSBURG WTR PLANT	MAX MIN	97 76	95 69	96 64	99 62	100 68	103 70	105 71	105 71	103 70	98 65	92 67	93 70	97 68	100 72	100 69	98 69	97 70	92 68	88 71	92 70	96 73	95 69	94 70	90 69	90 73	92 72	91 74	85 72	92 69	93 74	94 72	95.6 69.9
GRANDEN STEAM PLANT	MAX MIN	89 74	90 67	88 62	90 65	92 68	97 69	97 72	102 74	100 69	95 67	92 67	90 71	92 66	93 70	99 66	96 70	96 70	93 66	92 68	90 70	92 70	95 73	93 69	92 72	90 75	93 73	88 70	87 71	74 65	80 65	90 72	91.9 69.3
TALLADEGA	MAX MIN	97 76	98 76	95 76	92 73	99 73	99 75	102 73	102 73	103 75	94 65	94 65	91 70	94 65	96 67	100 69	100 72	97 63	97 63	91 70	92 70	90 74	95 65	96 65	96 66	92 68	90 71	91 67	85 68	83 65	90 67	91 69	94.6 68.7
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	95 70	94 66	93 64	95 65	97 68	99 70	100 70	104 67	101 67	95 64	92 65	91 65	92 68	97 70	100 70	98 66	100 66	96 65	88 66	87 67	92 68	96 70	97 73	95 70	91 69	94 70	89 70	86 70	80 66	85 67	90 70	93.8 67.9
ASHLAND 2 SSE	MAX MIN	90 67	86 65	86 65	87 63	91 65	93 67	94 70	96 72	97 69	91 67	89 63	88 65	90 66	94 68	96 70	97 71	93 67	93 67	88 67	87 67	88 68	92 67	93 69	91 68	89 70	91 69	89 70	82 70	78 67	81 65	88 70	89.9 67.7
AUBURN AGRONOMY FARM	MAX MIN	91 69	87 71	91 67	90 70	94 70	91 67	97 73	98 74	96 70	92 67	87 68	91 69	92 74	96 73	96 74	96 74	93 68	92 74	85 70	85 67	90 70	92 71	93 71	93 72	89 70	90 73	88 72	86 71	83 70	89 70	89 71	90.8 70.5
HEFLIN	MAX MIN	93 69	91 68	92 68	95 65	95 65	96 65	99 70	99 69	102 71	100 68	92 64	89 62	92 66	98 67	100 70	98 67	96 70	95 66	93 67	92 66	93 67	95 65	93 67	93 69	92 65	91 69	91 68	86 75	75 67	80 65	91 69	93.1 66.9
LA FAYETTE	MAX MIN	95 70	92 69	92 65	97 67	97 68	100 71	104 72	103 72	95 66	92 65	92 68	94 67	100 68	101 69	99 70	99 67	96 66	90 66	91 67	93 66	95 69	97 72	94 68	93 69	95 70	93 71	85 69	83 70	81 65	90 70	92 70	94.2 68.5
MARTIN DAM	MAX MIN	90 68	94 67	92 66	95 67	95 70	98 71	100 72	101 67	95 65	91 67	90 69	90 70	95 71	95 70	95 70	97 68	95 68	90 68	88 68	91 68	94 72	96 68	93 74	92 69	92 74	90 70	86 70	85 70	86 70	88 72	92.5 69.4	
OPELIKA	MAX MIN	94 72	92 70	94 65	92 69	96 69	95 70	100 71	102 72	101 69	98 69	95 68	93 70	94 71	96 70	97 69	97 67	96 67	86 70	89 68	91 67	93 72	96 69	93 70	93 69	93 64	90 67	89 71	86 72	82 71	85 71	90 71	93.3 69.4
ROCKFORD 2 NNW	MAX MIN	90 70	90 66	91 64	90 65	95 66	95 68	98 68	100 70	97 65	93 61	90 63	89 65	90 67	96 69	98 65	97 65	94 65	94 64	86 67	90 65	90 65	93 72	94 69	93 70	88 72	91 70	89 71	85 71	84 71	85 69	89 71	91.7 67.5
ROCK MILLS	MAX MIN	94 65	93 65	93 61	95 64	98 66	98 68	101 69	105 70	104 66	96 64	94 64	93 63	96 67	101 68	101 67	101 65	99 68	90 65	94 65	90 65	94 66	96 68	96 71	91 66	92 66	91 70	89 68	77 65	76 65	77 68	90 68	93.7 66.4
PRAIRIE 06																																	
DAYTON 1 N	MAX MIN	95 75	98 73	98 67	97 71	100 69	100 70	100 73	103 74	103 70	96 66	90 69	90 67	97 67	98 71	95 70	96 69	97 68	95 68	96 67	93 69	95 72	96 73	93 74	90 73	95 72	87 72	87 72	90 70	89 69	90 70	90 70	95.0 70.4
DEMOPOLIS LOCK AND DAM	MAX MIN	94 70	95 69	95 67	95 68	100 68	99 70	101 71	101 72	101 67	92 65	90 65	85 66	89 66	94 66	96 69	95 68	96 68	87 69	85 69	91 69	92 70	94 70	93 70	91 69	86 70	86 69	90 69	88 68	86 69	87 69	92.8 68.1	
GAINESVILLE	MAX MIN	96 75	98 73	98 70	98 70	102 71	101 73	104 74	104 76	105 70	96 68	93 70	88 69	87 69	95 72	96 69	95 70	96 71	98 68	90 70	85 71	91 73	94 74	95 74	94 72	95 74	96 72	86 74	91 71	85 71	85 71	86 71	94.3 71.5
GREENSBORO	MAX MIN	97 77	97 71	99 68	101 70	101 73	103 75	104 74	103 75	96 68	94 67	86 68	91 69	97 71	98 71	97 66	97 68	97 71	97 68	84 72	93 70	94 72	95 73	94 72	90 74	93 73	85 72	90 71	88 72	92 66	92 70	90 72	94.5 71.1
HAYNEVILLE	MAX MIN	98 65	100 66	98 69	102 71	101 71	101 70	102 70	100 70	98 70	71 71	71 70	70 70	92 72	95 71	101 72	102 70	100 72	98 63	92 71	92 68	98 74	92 73	95 74	93 74	96 73	95 74	92 70	93 71	92 72	92 72	92 72	96.4 71.6
LIVINGSTON 2 SW	MAX MIN	101 75	102 72	101 67	95 69	104 68	103 72	100 72	101 70	105 69	96 70	90 69	90 72	92 66	98 72	97 68	99 69	98 60	100 60	88 69	88 71	92 67	96 73	96 72	94 72	93 73	94 72	93 72	90 72	91 73	89 72	89 70	95.8 70.1
MARION JUNCTION 2 NE	MAX MIN	94 70	97 70	96 69	96 70	99 69	98 71	101 73	103 73	102 70	97 65	91 65	90 68	92 69	97 70	98 68	97 68	97 67	97 67	87 67	82 70	90 69	95 70	97 71	94 71	90 72	85 72	86 71	92 70	88 69	90 70	90 70	94.1 69.6
WINTER 3 NW	MAX MIN	98 68	102 73	99 72	97 70	100 71	100 71	104 74	105 74	104 71	98 74	92 75	93 71	91 66	100 72	98 73	95 63	95 71	84 68	80 72	91 70	95 73	97 73	95 73	91 73	97 73	91 75	87 71	87 71	95 70	90 70	95.3 70.6	
MONTGOMERY WSO AP	MAX MIN	97 73	95 73	93 72	96 73	97 72	100 75	102 76	101 74	95 71	90 70	91 71	92 71	98 72	100 75	96 74	98 72	97 71	87 71	85 75	91 74	94 73	97 73	96 75	90 75	93 75	91 75	88 74	84 74	93 74	91 75	90 75	93.8 74.3
SELMA	MAX MIN	95 76	99 70	98 76	95 65	98 73	99 77	103 78	94 73	88 73	91 70	89 72	94 72	96 73	95 75	98 73	98 74	95 68	96 74	93 73	94 72	97 75	95 74	91 76	94 75	96 74	93 75	89 74	87 73	91 72	91 72	94.3 73.2	
UNION SPRINGS 4 S	MAX MIN	92 72	92 71	94 73	95 72	96 67	95 70	98 75	100 77	98 75	99 67	91 70	92 69	93 71	99 7																		

# DAILY TEMPERATURES

ALABAMA  
JULY 1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BREWTON 3 SSE	MAX MIN	97 67	97 72	95 66	97 68	97 66	99 72	98 73	97 74	95 72	88 66	92 67	95 65	98 68	99 69	94 68	96 68	95 66	89 65	79 72	90 69	93 68	96 66	96 69	94 74	95 69	92 68	94 71	93 70	90 68	84 71	90 67	93.7 68.8
CAMDEN 3 NW	MAX MIN	96 67	99 70	99 66	97 67	102 67	100 69	102 71	104 71	103 66	95 64	88 65	91 64	93 65	98 66	100 68	99 65	96 66	96 64	85 64	85 65	91 67	94 67	96 69	93 70	92 69	98 68	86 69	88 67	88 67	91 66	87 68	94.6 67.0
CHATOM 4 N	MAX MIN	96 74	97 70	95 68	97 71	97 67	98 70	98 73	98 72	102 69	89 66	89 68	90 68	95 68	98 72	96 70	106 69	94 70	93 66	89 71	90 70	93 67	95 70	96 71	95 72	94 73	88 72	92 73	91 72	93 72	90 71	91 61	94.4 69.9
CLAYTON	MAX MIN	94 69	91 70	91 67	90 70	92 69	93 70	96 73	97 73	97 68	97 67	89 68	90 67	91 71	97 71	98 65	93 70	33 68	92 65	83 70	86 67	89 69	93 71	91 71	91 72	89 70	88 72	88 71	86 71	86 69	88 69	83 69	91.1 69.4
ENTERPRISE	MAX MIN																																
EUFULA WILDLIFE REF	MAX MIN	90 76	94 78	96 76	97 78	99 66	100 68	101 72	101 76	96 72	95 65	94 68	95 67	99 70	100 70	95 70	98 71	98 70	87 68	88 73	92 66	95 68	98 67	97 70	94 69	95 73	93 68	89 71	88 70	88 69	90 72	91 70	94.6 70.4
EVERGREEN	MAX MIN	93 70	92 74	95 69	90 69	88 68	94 73	93 72	98 73	97 72	94 69	89 70	83 69	87 70	96 71	98 70	96 71	97 68	95 67	88 69	89 70	88 70	92 69	94 70	93 72	88 72	89 72	89 72	88 73	88 72	90 71	79 69	91.3 70.5
FRISCO CITY	MAX MIN	93 69	93 68	94 70	96 71	94 69	95 70	98 71	98 74	97 72	94 70	87 68	91 65	90 69	94 70	99 70	91 69	89 68	88 69	84 67	83 69	85 69	88 67	90 70	87 69	89 70	93 69	92 70	90 69	88 70	90 69	89 68	91.3 69.5
GENEVA 2	MAX MIN	95 70	97 72	95 68	95 68	95 68	90 68	95 70	97 74	95 71	93 68	88 69	93 67	94 72	97 70	99 70	96 67	95 70	95 66	77 69	85 70	91 67	93 69	94 70	96 69	91 70	93 71	94 72	94 71	90 73	88 68	93.0 69.6	
GILBERTOWN	MAX MIN	97 74	99 72	97 68	100 69	97 68	98 71	97 70	99 73	96 72	93 68	90 68	89 67	95 67	99 69	97 69	98 68	94 67	96 68	88 73	90 72	93 69	95 71	97 72	95 72	96 73	95 70	94 70	87 70	93 71	87 70	90 70	94.4 70.1
GREENVILLE	MAX MIN																																
HEADLAND	MAX MIN	95 74	99 74	98 73	97 67	96 69	95 68	96 72	100 76	97 70	94 68	92 69	95 67	95 70	101 73	99 73	96 73	97 68	96 69	82 70	85 70	92 69	85 72	89 74	85 73	85 72	85 74	95 72	97 72	82 70	85 72	78 70	92.4 71.1
HIGHLAND HOME	MAX MIN	93 68	95 72	97 68	95 70	99 69	95 69	100 71	99 73	101 69	94 71	87 68	90 67	94 66	97 71	101 70	99 68	99 68	99 66	83 66	83 69	91 70	92 70	95 70	96 72	89 72	91 72	89 72	87 71	88 70	89 69	87 69	93.4 69.5
OZARK 6 NNW	MAX MIN	97 72	98 74	91 68	94 70	94 69	95 69	96 74	95 70	92 69	89 69	92 70	94 69	99 69	99 70	98 72	97 70	96 68	98 68	86 70	91 71	94 71	96 71	95 70	92 71	93 72	91 74	91 73	89 72	90 70	85 69	87 69	93.2 70.9
PITTSVIEW	MAX MIN	96 66	92 69	98 65	94 67	96 66	97 67	103 70	102 72	103 67	97 64	92 64	95 64	102 66	97 65	98 65	94 66	98 65	98 66	89 66	90 66	92 66	95 66	98 68	95 68	94 66	94 66	92 71	91 70	84 68	90 68	89 67	94.9 67.3
THOMASVILLE	MAX MIN	93 67	97 72	98 68	95 68	99 69	99 69	99 70	101 71	102 69	97 66	90 66	93 66	93 67	97 68	100 68	99 69	99 68	98 67	87 67	86 70	94 68	95 69	98 70	96 72	95 72	97 72	85 72	90 70	91 70	93 69	89 69	95.0 69.0
TROY	MAX MIN	97 70	98 69	95 68	97 72	96 70	101 73	101 73	101 72	98 71	90 68	91 70	93 68	101 73	102 72	102 72	102 69	95 70	95 69	83 70	91 69	93 71	95 71	97 73	92 73	91 72	91 73	88 72	86 72	88 71	82 71	88 70	94.2 70.9
WHATLEY	MAX MIN	95 71	97 72	97 73	96 69	97 70	96 70	98 70	99 72	98 73	100 74	94 67	98 69	96 65	99 69	99 68	98 67	99 69	95 65	68 65	65 66		96 69	93 72	96 70	95 70	95 73	96 75	98 77	93 70	93 70	96.5 69.9	
GULF 08																																	
BAY MINETTE 3 NNW	MAX MIN																94 69	94 68	93 66	85 72	87 70	93 71	95 71	95 71	93 73	93 72	92 71	92 70	91 72	90 74	91 73	91 69	
CODEN	MAX MIN	92 79	94 75	91 70	93 72	92 72	94 72	96 77	95 77	93 74	87 70	89 71	90 67	93 71	96 72	94 71	92 70	91 69	92 69	87 69	91 71	91 72	91 70	94 71	93 73	93 72	94 72	93 72	93 76	92 81	93 76	92 73	92.3 72.5
DAUPHIN ISLAND 2	MAX MIN	90 80	91 80	91 76	90 79	91 79	90 80	92 81	92 80	92 80	91 76	85 69	88 76	89 79	92 76	95 76	91 77	90 77	90 75	86 75	87 78	90 79	89 80	92 78	80	89 79	92 80	93 80	93 81	93 82	90 75	92 77	90.6 78.7
FAIRHOPE 2 NE	MAX MIN	94 79	95 76	95 70	93 72	95 71	94 72	94 78	96 79	95 79	91 72	86 71	89 69	92 71	94 71	95 69	94 71	93 70	93 70	87 69	83 71	85 71	91 71	92 72	92 75	90 73	93 73	92 73	94 74	90 75	87 75	91 73	91.8 72.7
MOBILE WSO AP	MAX MIN	97 76	97 72	93 72	95 75	92 76	94 75	95 77	94 78	91 71	84 70	87 72	90 72	92 73	95 73	92 72	93 74	94 75	88 72	86 75	67 75	92 76	93 76	95 77	93 79	93 78	89 78	90 76	91 77	91 78	93 78	94 76	91.9 75.0
ROBERTSOLE	MAX MIN	93 72	95 75	96 71	94 71	94 71	92 71	94 71	96 78	93 72	89 73	86 72	90 70	93 71	94 72	96 70	94 71	92 70	93 69	87 70	80 71	81 72	90 72	91 72	93 73	89 73							91.4 71.8



# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1976 - 1977

ALABAMA

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY - JUNE
NORTHERN VALLEY 01														
ATHENS 2	0	0	32	345	705	818	1200	681	348	115	28	8	4280	
BELLE MINA 2 N	0	0	25	318	700	823	1180	701	334	121	18	5	4225	
FALKVILLE 1 E	0	1	47	315	692	820	1157	695	337	118	38	10	4230	
FLORENCE	0	0	4	249	588	726	1084	553	239	65				
HUNTSVILLE WSO AP	0	0	19	306	658	766	1120	628	301	105	12	0	3915	3302
MOULTON 2	0	0	7	271	620	746	1081	606	292	77	13	0	3713	
MUSCLE SHOALS FFA AP	0	0	15	316	685	816	1172	636	282	86	8	0	4016	3199
NEW MARKET 2						805	1135	643						
RED BAY	0		8	251		1041	562	227	62	5		0		
RUSSELLVILLE 2	0	0	37	348	706	831	1178	702	377	127	24	7	4337	
WATERLOO	0													
APPALACHIAN MOUNTAINS 02														
ALBERTVILLE 2 SE		0		292		751	1082		288					3406
BEESSEMER 3 WSW								539	292	88	5	0		
BIRMINGHAM WSO AP	0	0	7	241	580	732	1026	566	252	73	5	0	3482	2844
BRIIDGEPORT														
GUNTERSVILLE	0				599	748	1002		327	79	11	5		
ONEONTA	0	0	19	294	673	817	1117	672	351	118	19	4	4084	3233
SAINT BERNARD	0	0	12		712	847	1121	666	325	99	19	4		3374
SAND MT SUBSTA AU	0	1	45	383	669	839	1169	696	344	117	26	7	4296	
SCOTTSDORO	0	0	27	319	699	822	1178	714	343	126	23	8	4259	3341
VALLEY HEAD	2	1	48	361	745	897	1212	798	452	165	40	17	4738	3755
UPPER PLAINS 03														
ALICEVILLE	0	0	2	227	590	720				54	2	0		
BANKHEAD LOCK AND DAM			0	191	564	706		590	258	71	3	0		
CENTREVILLE WSMO	0	0	2	226	561	708	1011	570	261	73	8	0	3420	
CLANTON	0	0	6	242	576	741	997	575	269	72	7	0	3485	2776
DOUBLE SPRINGS	0	0	25	325	673	795	1136	680	335	123	13	3	4108	
FAYETTE	0	0	9	258	625			641	315	59	18			2887
HALEYVILLE 3 NE	0	0	14	306	666	783	1112	593	288	85	14	1	3862	3283
HAMILTON 3 S	0	0	26	323	726	868	1153	708	370	118	18	7	4317	
JASPER 4 N	0	0	23	329	686	848	1111	615	351	124	17	2	4106	
PRATTVILLE				233		729	905							2280
THORSBY EXP STATION	0	0	1	210	528	675	950	483	195	51	3	0	3096	
TUSCALOOSA FFA AP	0	0	2	192	540	712	983	558	175	75	4	0	3241	2626
TUSCALOOSA OLIVER DAM	0	0	11	200	561	705	985	555	262	76	4	1	3360	
VERNON 2 N	0	0	11	301	644	805	1075	644	319	97	11	5	3912	
WINFIELD 2 SW	0	0	18	312	683	819	1101	648	387	134	11	4	4117	
EASTERN VALLEY 04														
ANNISTON FFA AP	0	0	5	226	580	724	1009	583	248	74	8	0	3457	
CALERA 2 SW	0	0	2	241	556	710	938	534	240	48	4	0	3273	
CENTRE 4 SW	0	0	17	271	632	800	1090	689	310	98	13	4	3924	
CHILDERSBURG WTR PLANT	0	0	5	213	537	686	940	521	235	54	6	0	3197	
GAUSSDEN STEAM PLANT	0	0	17	282	597	793	1089	653	314	101	15	3	3864	3059
PELL CITY 1 NNE	0													
SYLACAUGA 4 NE	0													
TALLADEGA	0	0	5	283	610	808	1031	585	256	72	11	2	3663	2760
PIEDMONT PLATEAU 05														
ALEXANDER CITY	0	0	3	240	559	741	983	559	252	67	3	0	3407	
ASHLAND 2 SSE	0	0	14	302	613	784	1090	645	327	110	12	0	3897	
AUBURN AGRONOMY FARM	0	0	3	209	507	649	946	524	229	67	0	0	3134	
CAMP HILL 2 NW	0	0	11	279	597	755	1022	627	307					
HEFLIN	0	0	28	314	721	865	1114	717	406	113	33	11	4322	
LAFAYETTE	0	0	1	205	519	673	959	513	204	56	4	0	3134	
MARTIN DAM	0	0	1	204	504	674	937	545	214	69	3	0	3151	
OPELIKA	0	0	3	234	546	701	984	598	278	100	3	0	3447	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1976 - 1977

ALABAMA

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY - JUNE
ROCKFORD 2 NNW	0	0	6	258	560	722	1025	589	243	68	4	0	3475	2886
ROCK MILLS	0	0	13	256	577	751	978		257	84	8	2		
• • •														
PRAIRIE 06														
DAYTON 1 N	0	0	2	194	537	646	916	491	215	45	1	0	3047	2260
DEMOPOLIS LOCK AND DAM	0	0	5	222	549	702	961	532	238	63	2	0	3274	
GAINESVILLE	0	0	1	217	570	706	989	526	237	56	2	0	3304	
GREENSBORO	0	0	1	193	507	668	922	449	207	53	2	0	3002	
HAYNEVILLE	0	0	3							51	0	0		
LIVINGSTON 2 SW	0	0	1	210	535	677	936	506	255	55	2	0	3177	
MARION JUNCTION 2 NE	0	0	1	231	579	720	988	569	260	65	2	0	3415	2269
MINTER 3 NW	0	0	0	198	520	658	920	495	203	44	4	0	3042	
MONTGOMERY WSO AP	0	0	0	180	502	657	894	501	216	53	0	0	3003	
SELMA	0	0	0	158	491	614	822	437	158	35	0	0	2715	
UNION SPRINGS 4 S	0	0	1	212	521	669	967	581	295	59	4	0	3309	
• • •														
COASTAL PLAIN 07														
ANDALUSIA 1 NW	0	0	2	240	500		883	574	228	88	9	0		2054
ATMORE	0	0	0	127	397	534	769	410	148	34	0	0	2419	
BEATRICE 1 E	0	0	0	186	493	553	895	453	191	43	0	0	2814	1934
BRANTLEY	0	0	0	209	505	651	864	536	201	68	3	0	3037	
BREWTON 3 ENE										51	0	0		
BREWTON 3 SSE	0	0	0	160	461	569	707	427	140	40	0	0	2504	
CAMDEN 3 NW	0	0	2	213	567	700	916	504	196	50	0	0	3148	
CHATOM 4 N	0	0	0	158	456	541	784	362	139	31	1	0	2472	
CLAYTON	0	0	1	200	474	596	892	491	190	48	0	0	2892	2133
ENTERPRISE	0	0	0	181	477	568	785	451	135					
EUFULA WILDLIFE REF	0	0		208	499	632	816	498	179	52	1	0		
EVERGREEN	0	0	0			635	872	499	198	52	2			
FRISCO CITY	0	0	0	189	500	597	876	470	195	54	2			
GENEVA 2	0	0	0	177	457	568	797	466	158	46	0	0	2669	
GILBERTOWN	0	0	2	180	513	626	888	456	184	40	0	0	2889	2000
GREENVILLE	0	0	0											
HEADLAND	0	0	0	172	447	569	832	468	154	35	0	0	2677	
HIGHLAND HOME	0	0	0	182	478	626	898	482	188	64	0	0	2918	
OZARK 6 NNW	0	0	0	137	389	507	762	418	120	28	0	0	2361	
PITTSVIEW	0	0	6	233	531	683	922	553	255	98	7	0	3288	
THOMASVILLE	0	0	0	197	521	641	907	475	202	52	1	0	2996	2285
TROY	0	0	0	162	459	569	812	455	159	34	0	0	2650	
WHATLEY	0	0	0	125	448	589	883	435	172	54	5	0	2711	2024
• • •														
GULF 08														
BAY MINETTE 3 NNW	0	0	0	111	391	494	713	391	163	25	0			1661
COOEN	0	0				492	685	398	154	30	0	0		
DAUPHIN ISLAND 2	0	0	0	63	288	411	689	350	134	6	0	0	1941	1573
FAIRHOPE 2 NE	0	0	0	119	418	522	731	385	178	37	0	0	2390	
MOBILE WSO AP	0	0	0	149	430	520	738	355	141	28	0	0	2361	
ROBERTSDALE	0	0	0	119	399	477	727	405	160	36	0	0	2323	1664

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY SOIL TEMPERATURES

ALABAMA  
JULY

1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)																																	
	2	MAX MIN	97 75	88 74	93 73	95 75	101 77	98 78	105 79	106 81	103 75	101 75	96 73	99 77	102 79	106 78	101 77	94 73	96 75	99 74	89 75	90 74	97 76	100 78	101 76	97 76	96 75	96 77	93 78	93 77	86 75	84 73	92 73	96.6 75.8
	4	MAX MIN	93 78	86 75	90 75	91 76	98 77	93 80	97 81	102 82	100 78	98 77	93 75	95 79	99 80	101 81	98 80	91 76	93 76	88 76	87 77	94 77	97 79	98 78	93 77	92 77	93 79	92 80	90 79	85 77	82 74	89 74	93.4 77.6	
BREWTON 3 ENE  (BARE GROUND)	(IN)																																	
	8	MAX MIN	87 79	84 78	87 78	88 78	93 80	89 82	92 81	94 83	95 82	94 81	91 80	90 80	92 82	92 82	91 81	88 80	91 80	93 81	85 78	84 78	89 77	91 80	94 82	90 81	89 81	89 80	87 81	85 80	81 78	81 76	86 76	89.1 79.9
	4	MAX MIN	91 77	100 78	104 78	100 78	100 77	101 77	97 80	94 80	98 80	99 77	92 77	94 77	99 77	101 78	103 78	96 78	103 79	103 81	87 78	80 76	88 76	92 76	96 76	100 79	88 79	95 78	88 78	92 78	88 77	87 77	86 76	94.9 77.8
HERDLAND	(IN)																																	
MARION JCT 2NE	4	MAX MIN	103 81	105 84	102 83	100 81	99 82	100 81	99 83	103 82	95 79	95 78	91 79	100 78	102 81	105 84	100 80	95 80	101 83	105 80	85 78	87 77	96 75	100 79	105 82	97 82	101 83	97 84	95 83	96 80	96 78	93 77	85 80	97.8 80.5
	4	MAX MIN	98 80	99 84	100 83	100 83	101 85	102 84	103 84	102 86	102 86	101 82	94 82	90 79	95 79	100 80	95 80	92 80	97 80	98 81	87 79	83 79	95 79	96 80	100 83	94 83	90 83	96 82	88 81	89 79	88 78	85 76	89 78	95.1 81.2
	PITTSVIEW	(IN)																																
THORSBY EXP STATION	4	MAX MIN	94 81	90 80	95 79	95 78	97 81	96 81	97 84	98 86	97 85	93 80	90 78	96 78	-	99 80	95 80	87 79	94 80	97 80	89 78	86 78	91 77	98 80	99 82	95 85	98 84	94 84	91 83	90 80	85 79	86 79	88 76	93.3 80.5
	4	MAX MIN	96 80	97 82	100 82	99 81	98 82	101 83	101 84	100 84	101 85	100 84	90 84	95 78	100 80	97 83	98 79	98 78	99 79	95 80	92 80	96 80	101 80	99 82	96 80	94 79	88 79	86 78	87 79	84 79	87 78	90 79	89 79	95.3 80.6
	WINFIELD 2 SW	(IN)																																
	4	MAX MIN	94 81	92 81	95 80	96 82	97 84	97 85	97 85	99 86	96 79	93 77	90 78	90 77	95 80	93 76	89 75	91 75	90 80	92 76	92 79	82 75	89 79	96 82	93 79	95 79	95 80	85 78	89 76	91 79	84 75	82 78	90 76	91.9 79.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
JULY 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.30	.27	.32	.26	.36	.37	.36	.40	.40	.33	.23	.29	.33	.41	.35	.31	.59	.24	.28	.22	.26	.20	.24	.26	.25	.32	.27	.22	.08	.21	.18	9.11
		WIND	81	60	56	39	44	56	56	56	72	56	64	43	43	54	58	49	56	46	64	41	36	50	48	74	90	62	64	92	71	61	38	1780
		MAX	93	-	97	98	96	99	102	102	100	98	92	98	101	102	100	100	99	98	91	98	101	97	99	92	93	94	98	94	85	95	93	96.7
		MIN	73	-	63	67	72	74	66	65	70	70	70	73	76	75	76	74	73	71	74	73	74	74	74	74	75	73	66	71	70	74	72	71.7
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.39	.34	.32	.34	.39	.30	.42	.34		.27	.24	.16	.20	.27	-	.38	.25	.22	.19	.12	.14	.29	.21	.30	.23	.17	.23	.17		.23	8.168	
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.31	.23	.30	.23	.30	.18	.31	.35	.24	.29	.47	.28	.17	.35	.27	-	.32	.33	.17	.17	.28	.28	-	.22	.24	.24	.17	.11	-	.25	.20	8.048
		WIND	37	39	36	15	16	22	21	19	35	37	37	37	21	18	24	13	27	27	38	32	27	20	34	33	24	36	22	39	30	27	30	873
		MAX	91	86	92	95	98	92	100	102	99	99	91	97	98	100	98	92	93	93	87	87	97	99	98	97	95	91	91	91	84	82	95	93.9
		MIN	72	73	73	75	76	75	76	77	72	71	73	72	73	74	73	75	72	72	70	71	72	74	73	74	76	74	74	72	71	72	72	73.2
MARTIN DAM		EVAP	.13	.23	.29	.25	.27	.25	.28	.26	.26	.21	.19	.19	.26	.22	.16	.23	.19	.15	.30	.17	.26	.21	.28	.14	.18	.21	.07	.11	.13	.13	.20	6.41
		WIND	27	34	23	22	18	21	21	29	28	23	22	25	30	38	24	29	30	28	27	23	23	27	30	23	28	22	22	23	20	19	20	779
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.22	.33	.30	.35	.56	.10	.34	.23	.35	.43	.25	-	.17	.27	.19	.19	.32	.26	.18	.16	.22	.21	.19	.19	.27	.13	.06	.13	.22	.03	.13	7.218
		WIND	65	47	32	13	21	19	38	42	45	40	35	42	27	29	45	26	28	31	62	54	18	11	15	14	18	28	9	21	27	30	29	961
		MAX	98	101	100	106	102	107	105	107	105	103	97	87	99	108	106	106	104	106	97	90	101	103	107	105	99	102	93	94	94	88	93	100.4
		MIN	73	75	72	70	71	74	74	73	72	70	70	72	71	71	73	72	72	73	72	73	74	75	76	75	76	76	75	76	72	72	73	73.0
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.31	.23	.28	.30	.18	.29	.26	.27	.23	.20	.11	.16	.26	.22	-	.19	.24	.25	.17	.09	.08	.18	.25	.25	.15	.24	.16	.22	.21	.11	.21	6.518
		WIND	25	39	25	20	15	26	41	22	15	17	7	16	24	19	23	10	12	14	18	4	2	5	12	12	5	6	10	17	12	10	24	507
		MAX	105	102	102	100	97	104	97	103	100	95	91	97	100	98	96	98	99	100	93	86	90	101	104	103	95	104	96	103	102	96	102	98.7
		MIN	76	76	73	71	72	73	76	76	76	73	73	71	71	74	71	71	73	73	73	72	73	74	75	76	75	75	72	74	75	77	76	73.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA

JULY

1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175				C	SIDNEY J HAROY JR
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	5P	5P		H	CLOSED 4/30/77
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500					MRS. OORA R. OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			JOHN R. THOMAS
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	506		7A			JOE K STYRON
BRUNNIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L. HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATAM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILDESBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		SP			R O HEARD
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	SP	SP		C H	MRS CLOYE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MAACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
JULY 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL /SEE NOTES	
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE L. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 36	430	6A	6A		C H	CHUCK S HEARTSILL
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EODIE L. PEARLE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC LARVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MID	MIO	MID	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 2 N	5172	06	MONTGOMERY	11	32 18	86 01	180		7A			DIANE TAYLOR
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LAND
MLOWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINIER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAR AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		5A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EODINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			MRS GRACE ONEAL
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSOALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MIO		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	-	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANDLER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
JULY 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
WITTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. DILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	MID	MID		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A			GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.
CLOSED STATIONS												
ALBERTVILLE 2 SE	0148	02	MARSHALL	12	34 14	86 10	1140	5P	5P		H	CLOSED 4/30/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65 °F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

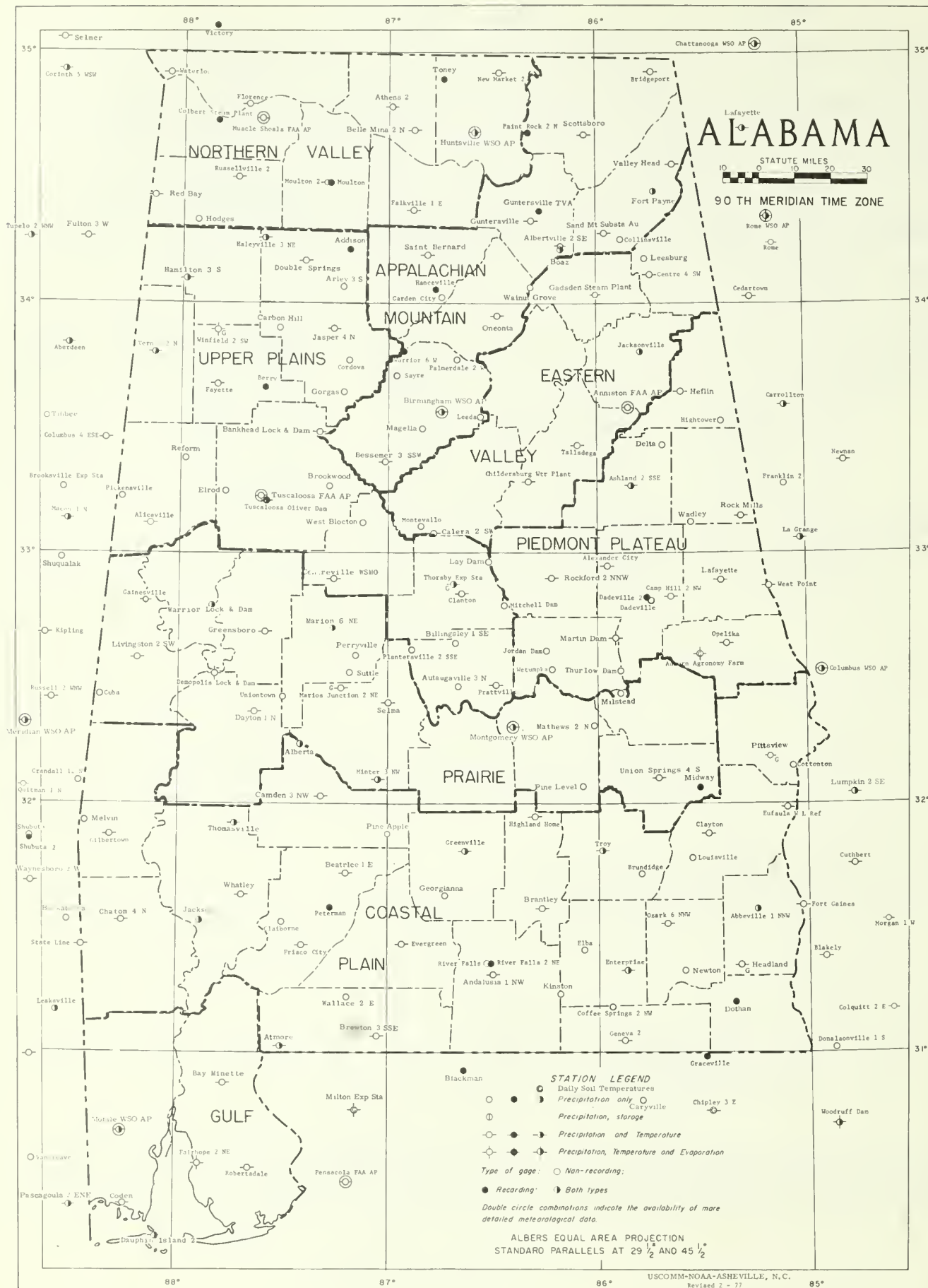
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.







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NATIONAL CLIMATIC CENTER  
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ASHEVILLE, N C. 28801

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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	MUSCLE SHOALS FAA AP	102	DATE 07
LOWEST TEMPERATURE:	FALKVILLE 1 E	56	DATE 19
GREATEST TOTAL PRECIPITATION:	BREWTON 3 SSE	14.69	
LEAST TOTAL PRECIPITATION:	WADLEY	.52	
GREATEST 1 DAY PRECIPITATION:	CLAYTON	4.20	DATE 03



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							CENTRAL												
							00	06	12	18									
BIRMINGHAM WSO AP	14	1.7	5.0	27	S	04	77	85	59	58	5	4	1	1	0	0	11	59	5.7
HUNTSVILLE WSO AP	14	2.2	7.1	24++	15	02	87	91	53	59	2	6	2	0	1	0	11	-	5.5
MOBILE WSO AP	12	2.6	7.0	25++	18	04	84	85	62	72	5	12	6	3	1	0	27	-	7.5
MONTGOMERY WSO AP	14	1.7	3.7	34	SW	10	85	87	60	67	2	8	0	2	1	0	13	66	5.8

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell* DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL / NATIONAL CLIMATIC CENTER  
DATA SERVICE / ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
AUGUST 1977

STATION	TEMPERATURE											PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	5.0 OR MORE	1.00 OR MORE				
										30° OR ABOVE	32° OR BELOW	37° OR BELOW	41° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	91.8	66.3	79.1		97	10	59	21	0	25	0	0	0	2.30		1.43	18	.0	0		5	1	1				
BELLE MINA 2 N	92.4	66.5	79.5		97	9	60	19	0	25	0	0	0	1.72		.70	18	.0	0		3	2	0				
FALKVILLE 1 E	92.4	66.2	79.3		98	10	56	19	0	27	0	0	0	1.78		1.19	26	.0	0		3	1	1				
HUNTSVILLE W50 AP	91.5	68.9	80.2	1.2	98	8	63	19	0	24	0	0	0	2.46	- 1.00	1.93	17	.0	0		3	1	1				
MOULTON 2	93.3	68.2	80.2		99	31	61	19	0	25	0	0	0	2.83		1.82	10	.0	0		5	1	1				
MUSCLE SHOALS FAR AP	92.7	68.4	80.6	1.4	102	7	61	22	0	27	0	0	0	3.07	-.17	1.37	10	.0	0		4	3	1				
RED BAY	93.3M	69.1M	81.2M		99	31			0	25	0	0	0					.0	0								
RUSSELLVILLE 2	92.0	63.9	78.0		97	10	57	22	0	25	0	0	0	.81		.56	18	.0	0		2	1	0				
WATERLOO																											
DIVISION			79.8	1.2										2.14	- 1.38			.0									
APPALACHIAN MOUNTAINS 02																											
BESSEMER 3 WSW	93.1	70.2	81.7		97	8	62	2	0	26	0	0	0	4.53	.42	2.94	2	.0	0		5	3	1				
BIRMINGHAM W50 AP	91.1	73.0	82.1	2.9	95	31	69	11	0	24	0	0	0	.87	- 3.44	.53	23	.0	0		2	1	0				
GUNTERSVILLE	92.6	68.4	80.5		98	7	63	21	0	30	0	0	0	7.81		2.45	20	.0	0		8	4	3				
ONEONTA	92.2	68.4	80.3	2.4	98	12	64	19	0	29	0	0	0	2.48	- 1.63	1.17	24	.0	0		5	1	1				
SAINT BERNARD	94.1	66.5	80.3	2.7	98	14	62	21	0	27	0	0	0	1.58	- 2.30	1.10	18	.0	0		3	1	1				
SAND MT SUBSTA AU	89.0	68.2	78.6		94	4	61	19	0	14	0	0	0	2.75		.65	13	.0	0		6	4	0				
SCOTTSBORO	91.2	65.9	78.6	.9	95	9	58	19	0	23	0	0	0	3.36	.02	1.30	11	.0	0		6	3	1				
VALLEY HERO	88.0	66.0	77.0	.8	93	3	58	22	0	9	0	0	0	3.85	.30	1.10	3	.0	0		7	4	1				
DIVISION			79.9	2.1										3.40	.39			.0									
UPPER PLAINS 03																											
ALICEVILLE	92.3	69.7	81.0		97	9	65	21	0	26	0	0	0	2.07	- 1.21	1.30	18	.0	0		4	1	1				
BANKHEAD LOCK AND DAM														3.31	-.74	.88	5	.0	0		5	4	0				
CENTREVILLE W50	90.7M	69.8M	80.3M		95	9			0	23	0	0	0	2.47		1.27	25	.0	0		5	1	1				
CLANTON	90.3	68.6	79.5	.3	94	10	64	21	0	22	0	0	0	5.00	.60	1.60	15	.0	0		6	4	2				
DOUBLE SPRINGS	91.4	67.7	79.6		95	17	62	19	0	25	0	0	0	1.76		.77	24	.0	0		4	1	0				
FAYETTE																											
HALEYVILLE 3 NE	89.5M	65.8M	77.7M	.0	94	31	60	19	0		0	0	0	2.64	- 1.47	1.07	15	.0	0		3	3	1				
HAMILTON 3 S	91.5	65.1M	78.3M		95	31	59	19	0	23	0	0	0	2.93		.86	1	.0	0		5	2	0				
JASPER 4 N	92.2	67.0	79.6		97	31	61	19	0	25	0	0	0	1.94		.62	18	.0	0		5	1	0				
PRATTVILLE		69.4M												4.40	.20	3.20	3	.0	0		4	2	1				
THORSBY EXP STATION	87.8	69.1	78.5		92	31	64	11	0	10	0	0	0	2.85		.99	14	.0	0		7	2	0				
TUSCALOOSA FAR AP	90.3	70.1	80.2	.4	95	31	64	19	0	22	0	0	0	2.78	-.84	2.05	2	.0	0		2	2	1				
TUSCALOOSA OLIVER DAM	92.2	70.5	81.4		95	31	67	6	0	25	0	0	0	4.00	.29	2.56	3	.0	0		3	2	2				
VERNON 2 N																											
WINFIELD 2 SW	90.4	65.2	77.8		95	25	61	22	0	23	0	0	0	2.82	-.99	1.66	5	.0	0		5	1	1				
DIVISION			79.4	.1										3.00	- 1.06			.0									
EASTERN VALLEY 04																											
ANNISTON FAR AP	91.4	70.6	81.0		101	7	66	21	0	24	0	0	0	5.32		1.84	17	.0	0		6	5	2				
CALERA 2 SW														2.77	- 1.32	2.05	25	.0	0		2	2	1				
CENTRE 4 SW	91.1	68.2	79.7		96	13	62	21	0	23	0	0	0	2.52		.85	13	.0	0		7	1	0				
CHILDERSBURG WTR PLANT	92.9	69.6	81.3		97	18	65	1	0	27	0	0	0	4.47	.27	2.70	14	.0	0		5	2	1				
GADSDEN STEAM PLANT	90.2	69.0	79.6	1.0	96	7	64	21	0	18	0	0	0	4.77	1.14	1.16	14	.0	0		6	4	2				
TALLADEGA	91.9	69.5	80.7	2.0	99	10	65	11	0	26	0	0	0	1.52	- 2.40	1.01	17	.0	0		4	1	1				
DIVISION			80.5	1.9										3.56	-.40			.0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	90.7	66.8	78.8		95	14	62	21	0	25	0	0	0	3.59	-.48	.95	17	.0	0		6	4	0				
ASHLAND 2 SSE	87.8	67.5	77.7		92	9	63	22	0	18	0	0	0	1.75		.76	25	.0	0		5	1	0				
AUBURN AGRONOMY FARM	88.8	69.8	79.3	.0	94	9	66	24	0	18	0	0	0	3.43	-.64	1.34	3	.0	0		5	3	1				
HEFLIN	91.3	64.1	77.7		95	16	58	22	0	24	0	0	0	.56		.30	17	.0	0		2	0	0				
LAFAYETTE	90.2	67.9	79.1		94	10	64	11	0	25	0	0	0	3.47		1.70	3	.0	0		3	3	1				
MARTIN DAM	90.1	68.8	79.5		94	7	65	20	0	22	0	0	0	5.42	1.95	3.23	2	.0	0		6	3	1				
OPELIKA	88.7	69.5	79.1		95	10	62	10	0	16	0	0	0	6.25		2.10	19	.0	0		7	4	4				
ROCKFORD 2 NNW	90.2	67.6	78.9		95	10	64	31	0	19	0	0	0	1.54		.60	3	.0	0		4	1	0				
ROCK MILLS	90.0	66.2	78.1	.5	95	9	62	21	0	21	0	0	0	2.50	- 1.53	1.08	4	.0	0		6	1	1				
DIVISION			78.7	.1										3.17	-.85			.0									
PRAIRIE 06																											
DAYTON 1 N																											
DEMPOLIS LOCK AND DAM	91.0	67.7	79.4		95	25	63	7	0	22	0	0	0	5.53	1.53	1.98	5	.0	0		6	3	3				
GAINESVILLE	92.6	71.5	82.1		96	25	68	19	0	26	0	0	0	1.19	- 2.08	.40	3	.0	0		3	0	0				
GREENSBORO	93.7	70.8	82.3	1.4	97	31	66	11	0	27	0	0	0	1.80	- 2.03	.88	2	.0	0		3	2	0				
HAYNEVILLE	91.6	72.7	82.2		94	5	70	17	0	27	0	0	0	2.54	-.81	1.99	4	.0	0		4	1	1				
LIVINGSTON 2 SW	92.3	69.0	80.7		98	25	63	21	0	26	0	0	0	2.38	- 1.48	1.12	3	.0	0		3	2	1				
MARION JUNCTION 2 NE	90.6	69.2	79.9		95	15	66	13	0	23	0	0	0	3.66	.14	1.18	1	.0	0		6	4	1				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
AUGUST 1977

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	5.0 OR MORE	10.0 OR MORE	
											38.0 OR HIGHER	37.0 OR BELOW	32.0 OR HIGHER	31.0 OR BELOW											
MINTER 3 NW	R	91.2	70.5	80.9		96	9	67	21	0	26	0	0	0	3.56		.98	2	.0	0		7	3	0	
MONTGOMERY WSO AP		90.5	72.7	81.6	.9	94	31	70	21	0	24	0	0	0	3.55	.08	1.92	2	.0	0		3	3	1	
SELMA		92.1	72.3	82.2	.9	95	31	67	5	0	26	0	0	0	2.22	1.57	.88	9	.0	0		5	2	0	
UNION SPRINGS 4 S		90.4	69.5	80.0	.3	96	9	66	21	0	23	0	0	0	3.60	.82	1.30	18	.0	0		6	2	2	
DIVISION				81.1	.4										3.02	.70			.0						
COASTAL PLAIN																									
ANDALUSIA 1 NW		86.8	66.5	76.7	- 4.1	95	2	60	12	0	6	0	0	0	6.79	1.48	1.83	3	.0	0		8	5	2	
ATHENS		89.8	71.2	80.5		94	9	69	11	0	20	0	0	0	11.75		1.85	11	.0	0		18	10	4	
BEATRICE 1 E		90.9	73.0	82.0		95	9	71	23	0	20	0	0	0	4.08	.03	1.10	4	.0	0		8	4	1	
BRANTLEY		91.1	64.1	77.6		96	9	61	21	0	23	0	0	0	6.23	.98	2.64	19	.0	0		11	2	1	
BREXTON 3 ENE		90.3	68.6	79.5		96	9	66	12	0	20	0	0	0	12.88		2.16	1	.0	0		15	9	4	
BREXTON 3 SSE		90.5	68.9	79.7	- .4	95	8	67	27	0	22	0	0	0	14.69	8.98	2.32	1	.0	0		12	10	8	
CAMDEN 3 NW		91.3	65.9	78.6		95	9	63	12	0	24	0	0	0	4.44		1.67	3	.0	0		7	4	1	
CHAYTON 4 N		91.4	70.3	80.9		96	14	67	11	0	28	0	0	0	5.44		2.97	18	.0	0		7	2	2	
CLAYTON		87.7	69.1	78.4		94	12	66	10	0	7	0	0	0	7.60	3.22	4.20	3	.0	0		7	4	1	
ENTERPRISE																									
EUFULA WILDLIFE REF		91.8	68.1	80.0	- .6	96	9	63	10	0	27	0	0	0	2.74	- 1.74	.85	2	.0	0		7	2	0	
EVERGREEN	M		M	M															.0	0					
FRISCO CITY		89.6	69.3	79.5		94	9	67	11	0	18	0	0	0	7.58	2.83	2.00	2	.0	0		14	6	2	
GENEVA 2		89.9	70.1	80.0		98	24	68	27	0	18	0	0	0	8.37		2.72	3	.0	0		10	4	3	
GILBERTOWN		91.6	69.2	80.4		97	8	65	30	0	26	0	0	0	2.46		1.90	18	.0	0		4	1	1	
GREENVILLE																									
HEADLAND	M		70.5	M				67	11	0	22	0	0	0	5.77		1.63	3	.0	0		9	3	2	
HIGHLAND HOME		89.8	68.5	79.2	- .9	95	9	65	12	0	22	0	0	0	4.40	.30	1.31	1	.0	0		9	2	1	
OZARK 6 NNW		89.0	70.2	79.6	- .7	94	8	67	11	0	14	0	0	0	5.45	.37	1.07	3	.0	0		11	5	1	
PITTSVIEW		90.6	67.2	78.9		95	9	62	21	0	24	0	0	0	4.69		2.16	3	.0	0		5	3	2	
THOMASVILLE		91.4	68.2	79.8	- .3	95	10	65	30	0	25	0	0	0	7.61	2.98	2.40	19	.0	0		9	6	3	
TROY		90.5	70.3	80.4	.3	96	8	67	1	0	23	0	0	0	1.33	3.37	.48	14	.0	0		4	0	0	
WHATLEY		92.9	68.8	80.9		97	16	65	23	0	30	0	0	0	2.87	1.88	.95	18	.0	0		9	2	0	
DIVISION				79.6	- .8										6.36	1.54			.0						
GULF																									
BAY MINETTE 3 NNW		89.6	70.4	80.0	- 1.1	94	9	68	30	0	16	0	0	0	13.60	6.73	3.11	4	.0	0		17	7	4	
COEN		88.9	72.8	80.9		92	15	70	14	0	11	0	0	0	7.14		1.90	3	.0	0		12	5	2	
DAUPHIN ISLAND 2		87.9	76.6	82.3		91	17	71	3	0	6	0	0	0	11.64		2.47	2	.0	0		17	7	4	
FAIRHOPE 2 NE		88.3	72.5	80.4	- .9	92	10	69	3	0	16	0	0	0	9.33	2.79	2.96	4	.0	0		14	4	2	
MOBILE WSO AP		90.3	76.4	83.4	1.9	94	9	74	3	0	21	0	0	0	5.42	- 1.51	1.47	4	.0	0		10	4	1	
ROBERTS LAKE		88.5	72.4	80.5	.0	94	8	70	12	0	12	0	0	0	7.61	.44	1.51	4	.0	0		14	5	2	
DIVISION				81.3	- .1										9.12	2.50			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
AUGUST 1977

STATION		TOTAL	DAY OF MONTH																																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * *																																			
NORTHERN VALLEY 01																																			
ATHENS 2		2.30				.05	.08																												
BELL MINA 2 N		1.72				.06	.06					.16					.35	.02	.10	1.43															
FALKVILLE 1 E		1.76	T			.05	.07			.02	.60	.02				.09	T	.15	.70																
HODGES		.63					.05					.27								.21															
HUNTSVILLE WSO AP		2.46				.09	.05			.03	.19	.14			.03	T		.01	1.93	.01				T											
MOUNTAIN 2		2.83				.03		T				1.82	T			.42	T	.13	.28	.15															
MUSCLE SHOALS FFA AP		3.07			T	T						1.37				.60	T	.32	.67	.02															
RED BAY																																			
RUSSELLVILLE 2		.81										.05					.11	.04	.56										.05						
WATERLOO																																			
* * *																																			
APPALACHIAN MOUNTAINS 02																																			
BESSEMER 3 WSW		4.53		2.94	.02	.10											.65	T						.27					.55						
BIRMINGHAM WSO AP		.87		.18		.02						.46			.19		.08	.18	.47		.12	.25		.02	T		.53		.08		.19				
BORDO		2.27			.10	.16													.47		1.10	.05				.07									
COLLINSVILLE		4.85			2.00	.25			.40		.59	.16	T				.61	T	.08		.11	.15	.32				.07								
FORT PAYNE		6.70			3.40	1.16							.02																	.03					
GARDEN CITY		1.23				T	.53																.36	.14				.14		.06	T				
GUNTERSVILLE		7.81			.15				.47	.08			.12			.45	1.55			2.00		2.45								.53					
LECOS		2.54	.01		.08	.67	.15												.01	.62		.30						.12		.58					
ONEONTA		2.48			.21																			T			1.17		.42						
PALMERDALE 2 W		4																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

ALABAMA  
AUGUST 1977

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTGOMERY WSO AP	9	3.55	1.02	.88	.88						.01	.02				.05		.08	T	.01	T					.08	.03	.02	.03				
PEBBYVILLE		2.17	.05	1.08		.24		.11				.02							.48	.10	T					.09			.10				
PINE LEVEL		1.69		.22	.38	.08						.04							.57							.04							
SELMA		2.22	.24	.88		.13												.14	.19					.89				.09					
SUTTLE		1.50	.93			.17													.17	.03	.20												
UNION SPRINGS 4 S		3.80		.15	.23	1.28	.25	.28											1.30														
UNIONTOWN		3.07	.08								.56						.28		1.30				.36			.80			.38				
WAGGONER LOCK AND DAM		4.77	.54	1.15	1.28	.62													.82		.04					.20							
W W W COASTAL PLAIN	07																																
ABBEVILLE 1 NW		5.50		.88	1.93	.03						.54						.21	.74	.08								1.05	.03	.10			
ALBEMAR		2.35	.28	.24	.38	.31						.02					.16	W	W	W	W	.98											
ANDALUSIA 1 NW		8.79	.82	1.83	.02	.99	.02			.10	.01	.80								1.43	.03					.30	.03	.40	.01				
ATHENS		11.75	1.10	.55	.12	.86	1.27	.05			1.05	1.85	.41	.13		.83	.05		.04	.08	.85		.03			.10	.15	.15	.20	.75	.26	.34	
BEAUFORT 1 E		4.08		.55	1.10	.75	.09					.30																					
BENTLEY		8.23	.24	.45	.38	.02			.02									.30	.06	2.64	.46	.22		.71	.41			.14			.12		
BREWTON 3 ENE		12.88	2.18	.52	T	2.00	.15	.06	.06		1.79	.85					.02	.83	.38	1.84	.81	.09					.92	.19	.14	.02	.29	.14	
BREWTON 3 SSE		14.68	2.32	1.13	1.00	T		.53	.05		1.64	1.58				.05		T	T	1.74	1.10	.75				2.20	T	.20	T	.40	T		
BUNNEDGE		8.12	.12	T	3.75	.34	.15	T		T		.02					.17		.89	.15								.46		.07			
CANDLER 3 NW		4.44	.51	1.87	.14	.72	.05				.31	.02				T		.36	.58	.05	.03												
CHATHAM 4 N		5.44		1.80	.09	.22						.14							2.97	.17					.10				.15				
CLAYBORN		7.05	.11	2.87	.33	.15		.24			.31	.02						.41	.43	.33	.04	.36	.55				.64		.12		.15		
CLAYTON		7.80	.05	.23	4.20	.74	.04											.40	.40	.35	.35				1.00	.15	.08	1.10	2.00				
COFFEE SPRINGS 2 NW		9.55	.85	2.40	.35						.20																						
COTTONTON		2.75		1.08														.84	.14	.39	.20												
ELBA		5.81	.07	.28	1.03		.20	.49	.23			.12				.88	.52			.90	.20			.02	.15			.45			.07		
ENTERPRISE																																	
EUFULA WILDLIFE WEF		2.74		.85								.17								.36	.40					.10		.71		.13			
EVERGREEN			1.30		.20															.36	.40							.92					
FAIRBORN CITY		7.58	.70	2.00	.10	.05	.58	1.40	.60			.50	.28	.04	.03	.02		1.10	.84	.25	.15	.05		.02		.02		.40	.10	.15			
GENEVA 2		8.37	.33	2.72	.20	.08			.18		.03	.78					.31	.01	1.50	1.74			.27	.17		.01		.02	.01		.02		
GEOBORGIANA		5.37	1.28	.10	.17	.27	.35					.25				T		.50	1.55	.20	.15		.01	.20		.03		.15	.10	.05	T		
GILBERTOWN		2.46		T	.10						.08	.20						1.80											.15	T		.05	
GREENVILLE																																	
HEADLAND		5.77		1.32	1.83	.24	.29				.13	.18					.02			.46	.98						.02		.43		.07	.01	
HIGHLAND HOME		4.40	1.31	.81	.47						.14	.44						40	.10	.03		.01	.26					.43					
JACKSON		8.81	.17	.80	2.10	.57	.02	.02			.32							.80	.59	.09	.38	.18				.80	.02	.12	.05	.47		.11	
KINSTON		8.80	.79	.11	2.93	.03	.08			.30		.10	.03				.07	.83	.59	.74	.58	T		.02	1.24		.96	.74	.07				
LOUISVILLE		8.71		.18	2.58	.22	1.08	.08	.12			.10				.02		.30		.15							.01	1.80	.09	.02			
MELVIN		3.80	.98					.88											1.87								.27						
NEWTON																																	
OSAKA 8 NW		5.45		.35	1.07				.22		.08					.61		.03	.10	.70	.54					.49		.75	.18	.30	.05		
PINE APPLE		4.01	1.09	.22	.88	.45				.22						.48				.78						1.09						.11	
PITTSVIEW		4.98		2.18	.41									T	T					.78													
QIVER FALLS		7.18	1.85	1.24	.40	.55		.04										.06	1.29	.68	.53					.55		.34		.21			
THOMASVILLE		7.81	.32	1.02	.07	.82	T				.54	.18	T					.35	1.25	2.40	.50	.03											
TROY		1.33								T		.12					.11		.03	.47													
WALLACE 2 E		11.23		1.20		1.30	1.20	1.40	T		.20	1.20	.10	.20		.48		.45	T	1.30	1.30			.80			.50	T	.08	T	.28		
WHITLEY		2.87	.28		.25						.12	.15	.10						.85	.57										.20	.05	.20	
W W W GULF	08																																
BAY MINETTE 3 NW		13.80	.10	.92	.46	3.11	.40	.04	.14		2.14	.11	.03	.08		.97	.90		1.31	.35	.06	.03		.22	T	1.59	T	.21		.19	.22		
COHEN		7.14	.52	.05	1.90	.39	.03		T		1.35	.14					.15	.20	.20	.61	.29	.36		.44		.88		.03	.03	.39	.15	.05	
DAUPHIN ISLAND 2		11.84	.26	2.47	1.35	.25	1.35	.24	.42	T	.02	.88	.33				.14	1.23	.20	.34	.15	.75		.10		.03	.03	.03	.39	.15	.05		
FAIRBORN 2 NE		9.33	.82	.01	1.88	2.98	.11	.03	.45	.02	.01	.13	.07	.08	.42	.45	.14	.59		.06	.25	.31	.03	T	.48		.10		.10		.01		
MOBILE WSO AP		5.42	.32	.77	T	1.47	T			.02	.02	.20	.07	.02	.01		T	.02	.16	.01	.58	.01	.79	.24	T	.15	T	.01	.09	.02	.01		
MOBILETDALE		7.81	.88	.12	1.46	1.51	.05	.29	.37		.92	.28	T	T	.14		T	.21		.21		.04	.07	T	.02	.12	.63	.07	T	.18		.05	

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NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	88 64	90 59	92 65	90 68	88 65	94 69	96 68	95 69	96 69	97 71	95 64	95 65	96 68	95 66	96 68	92 69	95 72	82 64	82 60	84 61	86 59	90 60	91 61	93 61	93 67	93 73	92 68	92 68	92 68	93 68	93 68	91.8 66.3	
BELLE MINA 2 N	MAX MIN	88 66	92 63	93 63	90 67	89 65	95 67	97 69	93 70	97 68	95 69	95 67	95 68	96 68	95 69	96 69	93 70	94 70	83 67	86 60	85 61	87 63	92 63	91 64	93 64	94 67	93 67	91 70	94 68	94 67	95 67	94 67	92.4 66.5	
FALKEVILLE 1 E	MAX MIN	87 66	92 64	93 60	90 68	85 66	93 70	95 67	93 67	97 71	98 72	96 63	95 63	96 66	96 67	96 67	92 70	94 73	93 67	83 60	90 61	90 65	93 66	95 66	93 67	95 68	91 67	88 70	91 68	90 67	92 66	92 66	92 66	92.4 66.2
HUNTSVILLE WSO AP	MAX MIN	92 72	94 65	91 67	89 69	94 68	96 70	93 71	98 68	97 68	97 70	92 68	95 68	92 70	93 71	91 70	94 71	85 72	85 69	83 63	85 66	89 65	90 68	91 67	91 69	92 67	89 72	90 70	91 70	92 69	92 69	94 68	91.5 68.9	
MOULTON 2	MAX MIN	92 66	95 63	89 67	87 70	94 68	97 70	96 71	99 71	98 71	97 67	94 66	94 70	95 69	92 70	91 70	94 72	82 74	88 68	88 61	89 63	91 63	94 64	95 65	96 70	95 67	93 71	92 73	93 70	92 68	97 68	99 67	93.3 68.2	
MUSCLE SHOALS FAA AP	MAX MIN	90 66	92 64	93 66	90 69	96 67	99 71	102 72	98 67	98 70	92 72	95 69	93 68	95 70	94 69	91 69	95 70	84 72	85 68	82 63	87 67	90 63	90 61	92 64	94 70	93 69	93 71	92 72	91 69	95 68	95 69	98 68	92.7 68.4	
REO BAY	MAX MIN	88 65	91 63	91 65	89 66	92 66	96 70	97 70	97 71	95 70	94 67	95 68	95 68	95 69	95 69	94 70	82 71	89 73	90 70	92 68	92 68	94 65	96 69	96 70	96 70	94 70	96 71	94 72	89 70	98 68	97 67	99 67	93.3 69.1	
AUSSELLVILLE 2	MAX MIN	91 61	88 60	91 63	88 64	84 66	93 67	95 66	96 66	97 66	92 67	95 62	93 64	96 65	95 66	94 66	92 67	95 67	83 68	86 61	87 61	90 58	91 57	92 58	94 62	95 65	92 65	94 68	92 67	92 65	93 63	94 62	92.0 63.9	
WATERLOO	MAX MIN																																	
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW	MAX MIN	93 68	94 62	89 68	86 66	94 74	96 75	96 73	97 74	95 69	94 75	95 69	95 71	94 73	96 74	94 71	92 72	88 68	90 68	89 68	89 68	94 72	93 69	95 69	92 71	91 73	92 69	93 72	94 72	95 69	96 67	93.1 70.2		
BIAMINGHAM WSO AP	MAX MIN	92 71	91 71	88 71	87 74	91 72	92 74	93 75	93 75	92 74	92 75	92 69	94 71	94 73	92 74	92 74	92 78	91 78	88 72	89 70	87 72	87 70	90 72	94 73	92 73	90 73	89 75	90 74	91 74	91 73	94 75	95 73	91.1 73.0	
GUNTERSVILLE	MAX MIN	90 68	94 72	96 68	96 69	98 67	97 68	98 67	91 71	94 69	95 70	95 66	95 68	94 67	95 69	91 69	92 70	90 67	90 65	92 65	90 63	92 67	90 69	91 67	91 70	93 69	86 71	91 69	91 69	91 69	91 69	93 69	92.6 68.4	
ONEONTA	MAX MIN	90 68	91 69	92 65	90 68	88 68	92 69	95 70	95 71	94 70	95 72	95 66	98 67	95 67	96 68	94 70	94 73	94 73	93 72	87 64	90 66	90 65	92 66	92 65	93 68	93 68	93 70	86 68	91 68	90 69	91 69	92 68	92.2 68.4	
SAINT BERNARD	MAX MIN	93 67	93 67	93 65	90 67	87 68	94 68	95 68	96 69	98 69	98 64	97 65	97 67	98 67	98 67	97 68	91 69	97 71	92 68	89 63	87 64	89 62	91 64	93 66	95 66	96 68	97 69	95 65	93 65	94 65	96 65	97 65	94.1 66.5	
SAND MT SUBSTA AU	MAX MIN	86 68	92 68	94 66	94 66	86 70	90 70	92 70	87 69	86 68	92 69	90 66	92 68	92 69	90 69	89 69	89 69	88 72	85 71	85 61	85 65	88 64	88 67	88 69	89 68	91 69	91 69	86 69	88 69	90 68	90 68	90 69	89.0 68.2	
SCOTTSBORO	MAX MIN	90 67	93 63	94 66	88 65	89 67	93 69	95 68	93 70	94 67	94 66	92 66	93 66	93 67	93 68	93 69	91 70	86 68	87 68	86 58	88 59	91 59	92 61	93 64	94 67	94 67	89 67	91 66	90 67	91 66	92 65	91.2 65.9		
VALLEY HEAD	MAX MIN	89 65	91 63	93 63	84 67	87 68	89 67	90 67	87 67	88 67	90 67	90 63	90 65	91 67	91 67	89 67	89 68	88 70	83 70	82 58	83 60	84 58	87 58	89 63	88 67	89 67	88 70	85 72	88 71	87 67	89 67	90 66	88.0 66.0	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	97 72	91 70	92 68	87 70	87 69	93 69	94 72	96 71	97 70	94 70	94 65	93 67	92 69	94 69	95 72	95 73	94 75	91 70	85 67	89 68	88 65	90 67	92 68	93 71	95 71	91 72	92 72	92 71	92 70	93 71	94 69	92.3 69.7	
BANKHEAD LOCK AND DAM	MAX MIN	92 70	95 70	92 70	92 71	90 72	94 74	95 76	97 75	98 74	96 72	95 69	99 72	99 68	96 73	96 74	94 74	92 72	93 72															
CENTREVILLE WSMO	MAX MIN	87 70	91 71	90 68	88 67	88 67	90 70	93 71	95 72	95 71	94 66	91 71	91 67	93 69	92 70	93 70	90 71	93 72	91 73	86 71	87 67	88 71	91 67	91 71	94 71	89 72	90 68	90 69	90 69	90 69	90 70	90 70	90.7 69.8	
CLANTON	MAX MIN	90 70	91 71	88 69	85 67	89 67	92 70	93 70	94 69	94 68	94 68	92 66	91 67	93 68	92 69	93 69	90 71	91 70	88 69	83 69	88 64	88 65	91 68	90 69	90 71	89 69	90 68	88 68	90 65	90 68	91 67	91 67	90.3 68.6	
DOUBLE SPRINGS	MAX MIN	90 65	92 65	91 66	85 69	82 66	91 70	92 70	93 69	94 69	93 71	93 65	93 68	93 68	93 69	93 69	95 71	95 73	84 69	87 62	89 64	91 63	94 63	94 65	94 65	94 66	90 68	93 70	91 70	90 68	93 68	94 67	91.4 67.7	
FAYETTE	MAX MIN																																	
HALEYVILLE 3 NE	MAX MIN	83 63	90 63			65		91 69	91 69	92 69	91 70	90 63	90 61	91 66	91 67	91 69	91 69	80 69	83 67	85 60	86 64	86 63	89 62	91 63	91 66	91 66	88 67		90 67	91 67	93 65	94 68	89.5 65.8	
HAMILTON 3 S	MAX MIN	88 64	91 63	91 63	87 66	86 64	90 64	93 68	93 68	94 67	95 67	94 64	92 65	91 65	93 67	95 67	95 68	81 70	88 59	87 60	89 60	92 63	93 60	94 63	92 67	92 67	92 69	93 67	93 66	95 65	95 64	91.5 65.1		
JASPER 4 N	MAX MIN	91 67	92 67	88 66	85 70	92 65	93 67	95 73	95 70	95 67	94 69	95 63	95 65	94 69	95 67	91 69	95 72	90 67	87 61	89 63	87 67	89 63	93 65	94 65	93 68	91 68	92 69	90 69	93 65	95 65	97 64	92.2 67.0		
PRATTVILLE	MAX MIN	71 71	71 71	71 71	70 70						75 75	68 68	68 68				68 68	71 71	72 72	68 68														69.4
THORSBY EXP STATION	MAX MIN	88 69	85 71	81 67	83 70	87 66	89 70	91 70	91 69	90 70	88 67	87 64	88 67	90 69	90 68	88 69	89 71	87 71	87 70	82 68	85 70	86 66	89 68	90 70	90 70	87 72	88 72	84 67	89 70	90 70	92 71	92 71	89.8 69.1	
TUSCALOOSA FAA AP	MAX MIN	89 70	89 69	86 69	84 70	90 67	92 70	92 73	92 71	91 71	91 67	90 68	90 68	92 70	90 70	89 70	86 73	88 74	86 73	87 64	88 66	88 67	91 68	91 69	95 72	90 72	91 72	91 72	92 72	94 73	95 70	90.3 70.1		
TUSCALOOSA OLIVER DAM	MAX MIN	88 72	92 71	91 68	87 69	88 68	92 67	93 74	94 74	95 73	93 72	94 68	93 68	94 70	94 71	94 74	95 73	91 72	87 68	89 68	89 69	91 69	94 70	94 72	95 72	92 72	92 70	93 70	92 71	95 70	95 71	92.2 70.5		
VERNON 2 N	MAX MIN																																	
WINFIELD 2 SW	MAX MIN	85 66	90 65	92 65	87 66	84 64	91 65	92 68	92 67	94 67	95 68	92 63	91 64	92 65	92 67	91 69	92 68	84 69	87 69	88 61	88 61	88 61	87 61	90 62	92 63	95 67	90 67	91 68	92 66	90 66	92 65	93 63	90.4 65.2	

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EASTERN VALLEY 04																																		
ANNISTON FAA AP	MAX 70	94	93	88	90	93	96	101	95	96	94	94	92	95	88	93	92	91	86	86	86	90	93	94	91	90	82	87	91	90	91	91	91.4	
CALERA 2 SW	MIN 70	70	71	71	72	72	73	71	75	70	71	68	70	71	70	71	74	73	71	66	69	66	67	70	71	70	73	71	71	70	71	70	70.6	
CENTRE 4 SW	MAX 69	90	93	96	85	89	92	95	96	93	95	96	94	96	94	90	91	90	87	84	85	86	89	91	90	93	91	88	91	92	90	91	91.1	
CHILDERSBURG WTR PLANT	MIN 65	69	71	68	67	70	71	69	72	69	68	65	66	69	70	69	72	72	71	62	65	62	64	68	67	69	72	69	68	68	67	66	68.2	
GROSDEN STEAM PLANT	MAX 69	93	92	89	90	95	95	95	97	97	97	95	95	96	95	93	93	92	97	87	87	89	92	93	95	94	90	90	90	91	92	94	92.9	
TALLADEGA	MIN 69	65	68	69	71	69	70	71	69	70	67	68	69	68	67	69	69	70	70	72	73	72	64	64	64	67	68	69	71	72	68	67	69.6	
PIEDMONT PLATEAU 05	MAX 70	90	93	94	86	88	92	96	91	91	95	94	95	94	95	89	91	87	86	84	84	86	89	91	88	94	90	84	91	92	89	87	90.2	
ALEXANDER CITY	MIN 69	69	71	67	68	70	70	72	72	68	68	67	69	69	67	70	72	73	72	64	64	64	67	68	69	71	72	68	69	69	68	68	69.0	
ASHLAND 2 SSE	MAX 71	90	91	86	78	87	90	91	92	94	93	91	91	91	90	88	92	90	92	87	77	83	86	92	90	91	89	90	87	88	88	89	88.8	
AUBURN AGRONOMY FARM	MIN 71	71	68	69	69	69	71	71	70	71	67	67	69	67	67	70	70	70	70	69	69	68	68	69	66	72	72	69	72	71	73	70	69.8	
MEFLIN	MAX 69	89	93	92	83	90	94	92	93	95	93	94	94	95	94	91	95	89	90	85	85	84	88	90	94	94	93	90	91	93	92	94	91.3	
LAFAYETTE	MIN 67	66	65	67	67	65	65	64	65	65	67	60	60	65	65	63	70	65	66	59	65	60	58	62	62	66	66	65	66	62	62	62	64.1	
MARTIN DAM	MAX 70	92	82	79	90	92	93	94	93	93	94	93	93	94	93	92	92	91	92	90	83	88	91	92	92	90	87	91	93	90	92	92	90.2	
PELIKIA	MIN 70	67	70	68	68	67	69	70	68	69	66	64	67	69	67	70	69	69	69	66	66	65	66	68	69	72	71	67	68	66	69	67	67.9	
ROCKFORD 2 NW	MAX 70	90	89	81	89	93	92	94	93	93	93	92	92	93	90	92	93	92	88	80	85	89	91	90	91	90	89	88	90	90	90	91	90.1	
ROCK MILLS	MIN 70	67	67	70	69	68	70	68	69	68	65	68	69	69	70	70	68	68	68	68	65	67	68	71	71	72	68	70	70	69	70	70	68.8	
PRairie 06	MAX 70	91	93	86	78	87	91	90	93	94	95	92	93	91	91	84	90	91	92	87	77	83	86	89	90	91	89	88	88	89	88	89	88.7	
ROCKFORD 2 NW	MIN 72	72	71	71	70	71	70	69	71	69	62	69	69	69	70	69	72	73	72	70	68	65	65	65	68	65	73	72	70	68	69	69	69.5	
ROCK MILLS	MAX 70	89	92	88	83	88	92	94	94	95	95	92	92	92	93	93	90	90	90	87	84	86	88	89	91	89	88	89	90	91	90	91	90.2	
PRairie 06	MIN 67	67	68	68	67	67	68	69	69	69	67	64	66	67	67	68	70	70	70	66	67	64	64	67	70	71	70	68	66	65	66	64	67.6	
PRairie 06	MAX 70	91	92	86	76	89	91	92	94	95	94	92	93	94	92	89	93	91	86	82	85	87	91	92	93	88	85	90	91	91	92	90.0		
PRairie 06	MIN 67	67	66	65	65	65	65	65	65	65	65	65	65	66	66	66	68	66	69	66	65	62	64	65	68	70	74	70	66	64	64	64	66.2	
PRairie 06	MAX 69	85	92	86	89	90	93	90	95	96	96	92	93	92	93	90	94	95	95	95	95													
PRairie 06	MIN 69	74	74	68	68	68	69	74	70	72	70	67	69	69	72	70	70	70	70	72	73	70												
DEMOPOLIS LOCK AND DAM	MAX 70	89	92	89	89	86	89	92	94	95	94	90	91	91	92	93	92	93	93	88	84	88	88	93	91	95	91	92	93	92	91	91	91.0	
DEMOPOLIS LOCK AND DAM	MIN 66	66	65	65	66	65	66	63	69	70	68	67	65	67	68	69	69	70	70	68	68	66	66	68	69	70	70	68	67	69	69	70	67.7	
GAINESVILLE	MAX 72	88	92	91	87	85	90	93	95	96	95	93	92	93	93	95	96	95	94	88	88	91	90	93	94	96	94	94	95	94	95	95	92.6	
GREENSBORO	MIN 72	73	68	71	70	71	73	73	73	73	72	69	70	71	72	73	75	75	75	68	68	69	70	72	73	74	72	73	74	70	70	70	71.5	
HAYNEVILLE	MAX 70	93	93	89	89	92	96	95	97	95	94	94	94	94	95	96	95	94	89	88	92	93	94	96	94	94	94	94	95	95	95	97	93.7	
HAYNEVILLE	MIN 67	67	67	69	67	71	73	72	73	71	66	69	72	71	73	74	74	73	70	70	68	70	72	74	74	74	69	71	70	71	70	70	70.8	
LIVINGSTON 2 SW	MAX 70	93	92	92	93	94	89	73	89	92	92	91	93	92	93	93	92	90	93	92	90	92	93	90	91	92	92	89	89	92	93	90	91.6	
LIVINGSTON 2 SW	MIN 69	72	72	73	73	71	71	73	74	74	70	71	72	73	71	72	72	70	72	70	73	70	72	74	73	72	74	74	73	73	74	74	72.7	
MARION JUNCTION 2 NE	MAX 70	91	93	85	88	88	93	96	94	95	91	90	92	92	94	97	95	93	93	95	84	89	90	94	96	98	93	93	93	93	92	91	92.3	
MARION JUNCTION 2 NE	MIN 69	74	74	67	67	69	68	69	69	71	68	65	68	68	68	70	72	71	63	70	68	63	67	69	70	74	70	72	71	69	70	71	69.0	
MINTER 3 NW	MAX 71	90	90	87	88	89	91	93	93	95	95	91	90	92	93	95	91	93	93	88	83	85	90	92	90	90	90	92	90	91	89	89	90.6	
MINTER 3 NW	MIN 69	69	69	68	69	66	68	70	70	70	70	66	67	66	70	70	70	72	71	71	67	71	70	70	70	72	70	68	68	69	69	69	69.2	
MONTGOMERY HSO AP	MAX 71	92	91	90	90	89	92	92	95	96	95	91	91	93	94	93	94	90	93	92	82	86	90	93	89	89	91	92	91	92	90	91	91.2	
MONTGOMERY HSO AP	MIN 73	73	73	76	71	69	70	72	70	71	69	69	68	69	70	71	70	73	72	73	67	72	73	67	69	70	72	71	68	68	69	69	70.5	
SELMA	MAX 70	91	88	82	88	91	92	93	93	92	92	91	92	92	91	90	92	93	88	83	87	90	91	89	90	93	91	92	92	92	94	90.5		
SELMA	MIN 73	73	73	73	73	71	74	74	72	73	71	70	71	73	73	74	72	73	78	75	73	70	73	71	74	74	74	72	71	72	73	72	72.7	
UNION SPRINGS 4 S	MAX 71	93	92	92	91	92	95	95	95	95	93	94	94	94	93	95	93	86	89	80	84	88	92	92	93	93	94	94	92	95	95	92.1		
UNION SPRINGS 4 S	MIN 72	70	70	70	72	67	72	75	72	72	72	69	70	74	73	75	74	74	70	72	71	73	73	72	74	73	74	71	72	71	73	72	72.3	
COASTAL PLAIN 07	MAX 70	90	88	86	81	87	91	90	93	96	95	93	94	93	94	92	91	92	92	86	83	88	89	90	93	90	90	91	90	91	92	90	90.4	
COASTAL PLAIN 07	MIN 72	70	70	70	70	69	69	70	69	69	67	68	70	69	70	72	70	71	70	71	68	66	67	69	69	71	71	70	69	70	69	70	69.5	
ANDALUSIA 1 NW	MAX 68	90	95	85	80	86	88	86	87	86	87	84	85	85	85	84	83	84	90	88	89	86	89	90	89	90	88	85	90	88	84	85	86.8	
ANDALUSIA 1 NW	MIN 68	70	65	65	66	62	66	62	64	64	62	61	60	62	65	64	65	63	65	67	71	67	66	70	70	68	68	73	74	75	70	68	66.5	
ATMORE	MAX 69	90	90	89	81	88																												

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BREWTON 3 SSE	MAX MIN	92 69	88 71	80 70	89 69	93 67	91 67	95 67	95 69	94 68	90 67	91 67	91 67	93 69	92 69	91 69	92 70	92 69	93 69	90 71	87 71	90 69	91 72	94 69	90 71	88 71	87 69	90 67	89 70	89 68	89 68	91 68	90.5 68.9
CAMDEN 3 NW	MAX MIN	89 65	90 65	88 64	83 66	89 65	92 66	94 68	95 68	95 68	94 65	91 63	92 63	93 66	94 65	93 67	94 68	92 68	92 67	89 68	83 68	85 65	91 66	93 66	82 65	92 68	90 68	94 65	93 65	92 64	92 64	93 66	91.3 65.9
CHATHAM 4 N	MAX MIN	92 68	91 69	88 69	85 72	90 69	92 69	95 70	95 71	94 71	93 69	92 67	90 68	93 70	96 69	93 71	92 72	94 72	92 71	89 73	90 72	90 70	90 72	90 70	92 72	93 71	92 71	91 69	90 69	90 70	90 70	91.4 70.3	
CLAYTON	MAX MIN	87 68	88 69	86 68	80 68	87 68	87 70	90 71	90 72	93 69	91 66	90 68	94 69	91 69	89 72	88 71	89 69	89 70	84 70	82 69	81 67	86 70	89 68	88 69	87 71	87 70	87 68	88 68	88 68	87 69	88 69	87.7 69.1	
ENTERPRISE	MAX MIN																																
EUFULA WILDLIFE REF	MAX MIN	91 69	93 69	83 71	90 68	92 67	94 69	95 67	94 68	96 68	95 63	93 69	95 77	95 66	92 67	92 72	90 67	92 68	90 70	88 71	90 66	90 65	93 65	95 65	92 68	92 69	88 68	91 66	89 66	91 67	92 69	92 66	91.8 68.1
EVERGREEN	MAX MIN	88 71	89 71	94 71	82 72	89 69	90 70	92 71																89 73	88 72	86 73	89 71	90 69	89 71	89 70	88 71		
FRISCO CITY	MAX MIN	89 69	86 68	86 67	88 67	89 69	89 67	90 68	90 69	94 70	93 68	92 69	91 69	90 69	90 70	90 69	91 71	89 70	91 68	86 69	86 70	90 70	89 71	90 69	90 72	89 72	90 71	90 70	90 70	89 69	89 69	89 69	89.6 69.3
GENEVA 2	MAX MIN	89 68	92 69	89 70	81 69	91 69	92 71	92 72	93 74	95 68	93 68	90 68	91 69	91 68	92 68	91 73	86 69	92 68	91 73	89 71	88 72	86 70	89 73	90 70	98 70	81 70	87 68	89 68	89 72	90 70	89 68	90 70	89.9 70.1
GILBERTOWN	MAX MIN	92 69	90 71	89 68	87 74	91 67	94 68	95 69	97 70	95 70	93 69	92 68	92 68	95 68	94 70	92 70	95 70	88 72	95 70	88 72	92 68	90 67	91 67	89 70	89 73	90 70	89 72	91 72	91 72	92 65	92 66	91.6 69.2	
GREENVILLE	MAX MIN																																
HEADLAND	MAX MIN	69 69	70 67	70 69	68 69	69 66	72 66	71 68	72 70	68 70	67 67	67 68	69 68	83 70	84 71	86 73	85 73	83 73	90 72	88 73	85 69	89 73	91 71	91 73	87 72	86 70	92 69	91 70	91 71	90 71	91 71		70.5
HIGHLAND HOME	MAX MIN	90 68	90 67	85 69	80 69	89 66	90 66	92 68	94 70	95 70	93 67	90 65	90 65	93 67	92 69	90 70	91 70	91 70	90 70	87 71	85 70	85 68	89 72	93 68	88 69	87 72	91 71	92 66	90 69	91 68	91 68	91 67	89.8 68.5
OZARK 6 NNW	MAX MIN	92 68	90 70	81 69	88 70	91 69	92 72	94 71	94 69	93 70	91 67	90 67	91 69	91 69	90 70	88 72	90 71	89 71	88 71	87 71	83 69	89 73	89 69	85 72	82 73	88 69	88 70	90 69	89 70	89 70	89 70	89 70	89.0 70.2
PITTSVIEW	MAX MIN	92 69	92 68	89 68	80 68	89 67	92 69	94 68	94 67	95 68	94 68	94 64	93 66	92 68	93 66	90 71	90 66	93 67	92 68	88 70	84 65	85 62	89 66	92 65	92 65	90 71	91 70	90 66	90 68	90 67	90 64	90 64	90.6 67.2
THOMASVILLE	MAX MIN	92 66	93 67	89 66	87 69	90 67	93 67	94 69	95 70	94 72	95 68	92 65	92 65	92 68	93 68	94 70	93 71	88 71	92 70	85 70	87 70	89 66	91 69	92 68	91 71	90 67	93 66	92 66	91 65	93 65	92 67	91.4 68.2	
TROY	MAX MIN	90 67	86 70	79 70	89 70	92 70	93 70	95 72	96 71	95 70	92 68	91 68	94 69	94 68	90 68	91 69	90 70	92 71	87 70	86 70	84 70	89 70	90 72	90 69	88 72	91 72	92 71	90 69	92 72	91 71	93 71	90.5 70.3	
WHATLEY	MAX MIN	94 70	96 71	94 69	89 68	91 67	90 68	95 67	95 68	96 70	92 69	95 71	94 65	95 65	97 69	96 69	97 69	96 68	90 65	94 67	93 73	90 65	91 70	90 65	90 75	90 78	91 75	92 67	92 68	90 67	92 66	93 68	92.9 68.8
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	90 68	90 70	82 70	87 71	89 70	91 69	93 71	94 71	94 70	91 69	88 68	89 70	90 69	92 70	92 71	84 72	91 72	88 72	90 72	89 75	90 71	89 74	87 72	90 71	89 73	89 72	90 72	89 70	88 69	88 71	90 71	89.6 70.4
CODEN	MAX MIN	91 70	88 72	84 71	89 74	91 72	90 72	91 72	92 73	92 73	87 73	89 74	90 71	90 72	89 70	92 71	88 75	90 75	89 72	89 74	88 75	88 71	87 74	88 72	89 73	86 75	90 75	88 73	85 74	88 75	88 75	88 75	88.9 72.8
DAUPHIN ISLAND 2	MAX MIN	91 75	90 74	88 71	84 73	91 73	89 80	88 80	89 80	89 79	90 72	86 75	87 73	88 78	90 78	88 79	89 82	91 74	89 73	89 77	88 74	88 77	88 77	84 74	85 77	85 77	88 77	85 79	86 78	85 76	86 79	86 79	87.9 76.6
FAIRHOPE 2 NE	MAX MIN	90 71	90 72	90 69	79 72	90 73	91 72	90 73	92 72	85 73	89 71	89 72	90 72	89 72	87 73	87 73	90 72	83 73	90 73	86 74	87 71	87 72	87 75	86 77	86 76	85 76	85 76	90 73	90 72	87 71	90 71	88.3 72.5	
MOBILE WSO AP	MAX MIN	91 76	90 75	84 74	87 75	92 76	92 75	94 76	94 77	94 78	89 75	90 75	90 76	92 76	92 77	92 77	89 79	92 78	91 76	91 77	90 77	90 77	87 77	87 76	87 77	89 76	89 77	91 78	89 76	89 77	90 76	91 76	90.3 76.4
ROBERTSDALE	MAX MIN	90 71	91 71	88 71	77 72	88 73	90 73	90 73	94 73	90 72	91 72	84 71	90 70	89 72	90 73	90 72	89 74	89 74	89 74	88 73	88 74	89 73	88 72	87 74	88 74	88 74	88 72	85 72	90 72	89 72	89 72	89 72	88.5 72.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
AUGUST 1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1 IN)																																	
	2	MAX	95	95	89	81	92	94	96	97	103	104	105	104	104	102	101	104	104	104	98	81	87	92	101	100	100	96	92	94	94	99	99	97.0
		MIN	76	77	74	74	74	73	75	75	78	77	77	77	78	77	77	79	79	80	78	73	72	74	78	80	81	79	73	75	74	77	77	76.4
	4	MAX	92	93	88	81	88	90	92	93	99	102	101	100	100	99	98	99	100	100	95	81	85	90	98	96	96	94	90	91	91	95	95	93.9
	MIN	77	78	76	75	75	74	76	76	78	80	80	80	80	80	80	82	82	81	80	74	74	76	80	83	84	83	75	76	76	79	80	78.4	
	8	MAX	88	87	84	80	83	87	88	90	92	93	94	93	96	95	94	93	94	95	91	82	84	87	91	95	91	89	89	88	87	90	90	89.7
	MIN	79	79	77	76	76	78	79	80	80	82	82	82	82	84	84	84	83	83	84	81	78	77	79	79	82	84	83	79	80	80	79	82	80.5
BREWTON 3 ENE	(1 IN)																																	
BARE GROUND	4	MAX	89	92	82	84	87	91	88	90	95	96	96	90	92	92	90	89	92	91	90	88	87	92	91	92	89	90	86	90	88	81	90	89.7
	MIN	75	75	71	75	72	74	75	75	75	76	76	75	75	74	76	77	78	77	76	76	77	76	76	77	77	78	77	74	74	75	75	75	75.5
HEADLAND	(1 IN)																																	
	4	MAX	90	98	88	82	90	94	100	102	103	103	96	98	98	99	102	95	101	95	93	88	85	91	95	92	85	90	95	92	90	92	95	94.1
	MIN	78	76	78	75	75	77	74	76	81	80	80	78	76	78	80	81	80	80	83	80	80	78	77	78	78	80	80	78	77	78	76	80	78.3
MARION JCT 2NE	(1 IN)																																	
	4	MAX	89	90	87	88	88	93	93	95	97	97	95	95	95	97	93	94	93	89	85	87	89	90	92	91	91	92	87	87	87	88	91.0	
	MIN	79	79	80	79	77	77	80	82	83	84	83	83	83	83	85	82	85	85	83	82	82	80	80	82	82	82	83	81	78	80	77	78	81.2
PITTSVIEW	(1 IN)																																	
	4	MAX	92	92	87	82	89	90	93	93	95	98	98	99	96	97	95	96	97	98	91	86	86	89	92	97	96	95	94	91	89	90	92	92.7
	MIN	80	79	78	77	77	79	80	80	80	80	79	80	81	83	83	82	82	82	83	81	78	76	76	78	78	82	82	78	79	79	78	79	79.6
THORSBY EXP STATION	(1 IN)																																	
	4	MAX	90	90	87	91	90	92	94	99	100	101	101	102	103	103	92	91	90	87	87	87	86	96	98	99	98	95	86	96	99	100	94.5	
	MIN	78	80	77	79	76	80	80	79	81	81	81	80	81	83	81	80	80	80	79	79	78	79	75	80	82	82	83	80	82	80	79	81	79.9
WINFIELD 2 SW	(1 IN)																																	
	4	MAX	86	89	91	89	84	88	90	94	97	97	98	97	100	98	92	92	88	82	87	87	88	86	92	92	96	95	95	96	91	95	94	91.8
	MIN	76	76	78	78	75	78	78	80	80	79	82	81	79	82	82	80	80	80	79	74	77	75	76	80	80	82	82	83	82	81	81	81	79.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
AUGUST 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.26	.31	.27	.24	.24	.36	.17	.32	.30	.37	.21	.26	.23	.22	.16	.19	-	-	.36	.13	.18	.44	.25	.26	.25	.24	.34	.29	.30	.25	.34	8.278
		WIND	50	70	69	80	55	55	37	52	62	72	50	39	49	53	48	56	54	101	65	53	44	36	40	58	67	83	92	86	66	51	60	185.3
		MAX	92	94	91	88	95	98	92	99	97	96	95	95	93	95	93	92	83	85	87	90	92	96	92	95	92	92	90	96	93	95	92.7	
		MIN	71	65	68	70	69	74	73	74	70	73	69	71	71	70	71	72	75	70	65	67	68	71	71	71	69	74	71	70	69	70	70	70.4
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.14	.22	.25	.13	-	.28	.26	.26	.30	.24	.31	.29	.26	.18	.29	.24	.21	.09	.21	.19	.16	.14	.21	.20	.19	.25	.25	.24	.24	.28	.28	7.028
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.24	.31	.17	-	.15	.20	.18	.26	.27	.35	.28	.25	.23	.23	.19	.17	.25	.23	.19	.03	.15	.19	.27	.24	.19	-	.16	.24	.20	.25	.24	6.758
		WIND	33	19	36	32	24	19	15	14	15	19	22	18	14	18	20	21	31	38	35	15	14	13	14	20	19	16	33	41	44	43	36	75.1
		MAX	98	98	89	80	93	97	99	100	101	102	99	97	100	98	97	97	95	96	92	80	88	94	99	96	96	93	94	94	92	94	92	94.8
		MIN	75	73	69	69	70	73	75	75	74	72	70	70	75	73	73	73	73	73	71	72	72	74	75	74	74	74	72	73	71	71	71	72.5
MARTIN DAM		EVAP	.28	-	-	.18	.24	.23	.27	.30	.22	.26	.19	.27	.24	.22	.19	.19	.15	.10	.08	.10	.18	.17	.19	.14	.12	.15	.17	.20	.20	.20	.18	6.008
		WIND	23	20	23	16	22	19	18	23	25	27	21	19	23	25	19	28	20	23	21	14	17	18	23	21	23	23	27	30	20	22	24	677
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	-	.27	.13	-	-	.13	.25	.31	.22	.32	.29	.41	.23	.22	.26	.24	.29	.19	.11	.07	.14	.18	.23	.16	.25	.13	.15	.23	.17	.27	.28	6.798
		WIND	25	24	39	39	27	36	14	9	13	30	35	37	17	13	12	14	26	28	14	9	9	9	11	15	36	23	34	49	54	58	52	81.1
		MAX	94	99	95	97	95	97	105	108	110	109	100	99	101	102	106	100	106	102	97	89	94	97	104	97	104	105	99	100	97	99	98	100.2
		MIN	73	72	73	70	72	72	75	80	80	74	73	72	73	75	76	76	76	76	75	74	74	74	76	76	76	76	72	73	73	73	74	74.3
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.16	.13	-	-	.18	.17	.15	.22	.16	.18	.08	.10	.13	.17	.13	.14	-	.23	.17	.16	.16	.17	.13	.14	.08	.10	.09	.23	.18	.14	.21	4.758
		WIND	14	15	9	6	7	6	5	8	3	11	11	6	6	2	3	3	2	13	10	24	15	11	19	23	16	3	12	27	30	25	23	368
		MAX	102	95	95	78	101	98	99	101	99	98	83	93	94	101	90	96	86	104	100	95	95	98	92	93	87	91	88	99	95	90	97	94.6
		MIN	74	73	72	72	73	74	76	75	75	74	69	70	72	75	75	75	74	74	76	76	75	74	76	75	75	75	74	72	72	71	71	73.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
AUGUST 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	BA	BA		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. DORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	BA	BA	BA	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			CLOSED 6/30/77
BIRMINGHAM WSO HP	R 0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MCT 085
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDOERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	BA	BA		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARD
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	BA	BA		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	5P	5P		C H	MRS CLOYE F JACKSON
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	BA	BA			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P ROBISON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMPTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
AUGUST 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 36	430	6A	6A		C	CHUCK S HEARTSILL
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A		GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840					MARY N. AVERY
HUNTSVILLE W50 AP	4064	01	MAISON	12	34 39	86 46	624	MIO	MIO	MIO	C	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. B. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S. ADAMS
MILSTERO	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE W50 AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A		C	MURICE P JETER JR
MONTGOMERY W50 AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EDDINS
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	165		7A			CLOSED 5/1/77
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTS OALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	CODSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCCWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWW
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MIO		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	OE KAL8	12	34 17	85 58	-	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANOLER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

ALABAMA  
AUGUST 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLAPOEGA	8024	04	TALLAPOEGA	7	33 26	86 05	SS5	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	40S	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	MID	MID		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	26S		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	20S		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	INACTIVE 10/5/76
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.
CLOSED STATIONS												
BILLINGSLEY 1 SE	0823	03	AUTAUGA	1	32 39	86 42	420		6A			CLOSED 6/30/77
PICKENSVILLE	6414	03	PICKENS	13	33 14	88 17	16S		7A			CLOSED 5/1/77
NEW STATIONS												
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG

SEE REFERENCE NOTES FOLLOWING STATION INDEX



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENK	Smithdale fine sandy loam	Bare	0-2%
Headland	Dothan sandy loam	Bare	Unknown
Marion Junction	Sumter Clay	Bare	3-5%
Pittsview	Izagara fine sandy loam	Bare	Unknown
Thornshy Exp. Station	Fine Loamy	Bare	0-2%
Winfield 2 SW	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

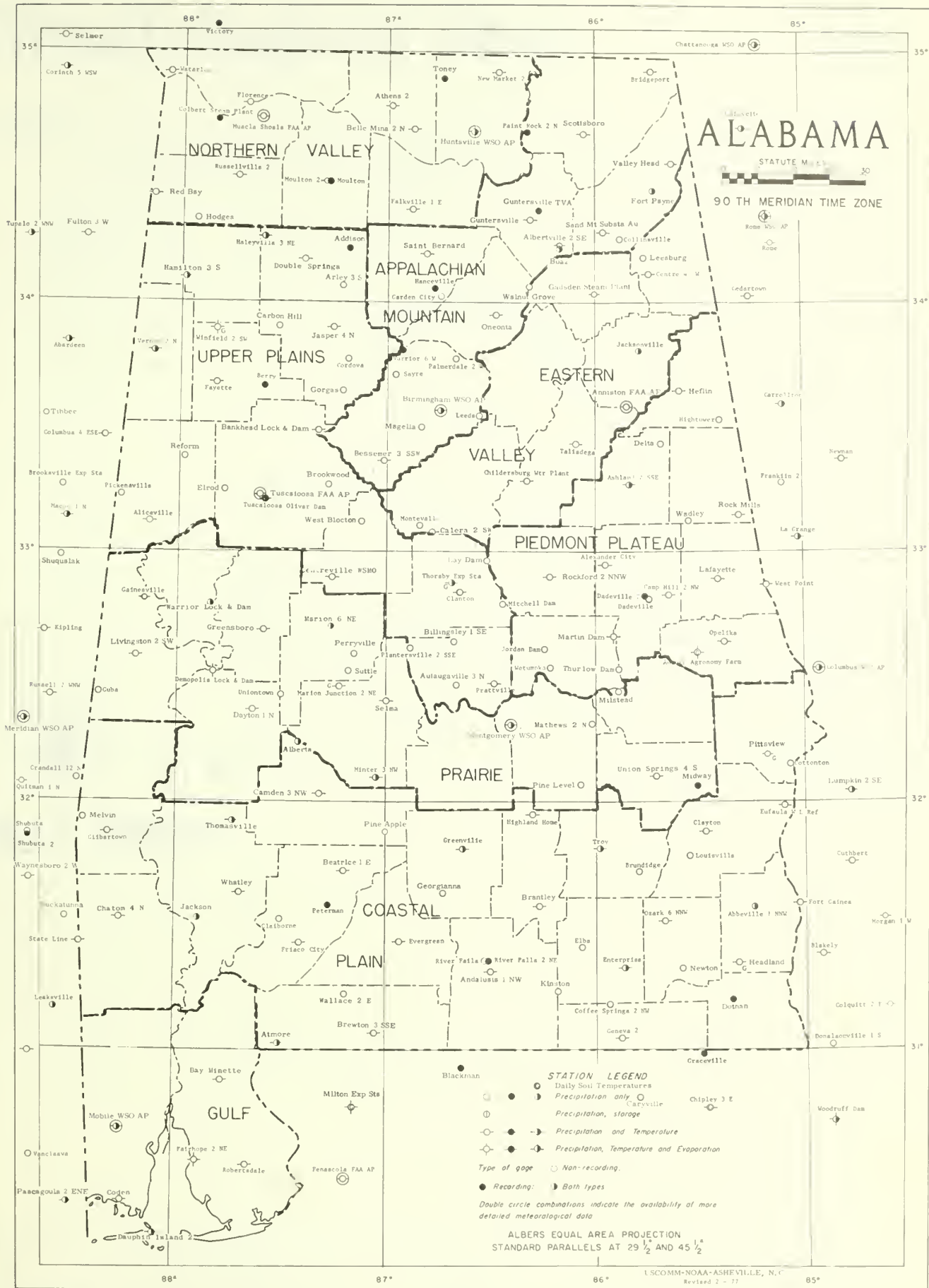
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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**THIRD CLASS**

# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	6 STATIONS	98	DATE 03+
LOWEST TEMPERATURE:	VALLEY HEAD	49	DATE 29+
GREATEST TOTAL PRECIPITATION:	FALKVILLE I E	12.82	
LEAST TOTAL PRECIPITATION:	TROY	2.93	
GREATEST 1 DAY PRECIPITATION:	ONEONTA	5.75	DATE 07



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE TENTHS SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	13	1.4	5.3	33	SW	14	84	86	66	69	2	4	4	2	3	1	16	48	6.6	
HUNTSVILLE WSO AP	12	2.5	7.4	28++	24	14	89	91	69	75	3	2	5	5	1	1	17	-	6.8	
MOBILE WSO AP	14	1.5	6.6	23++	34	19+	84	87	63	74	2	0	7	4	2	1	16	-	6.3	
MONTGOMERY WSO AP	14	1.8	5.6	29	S	15	82	84	58	71	6	3	5	4	1	0	19	57	6.6	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
SEPTEMBER 1977

STATION	TEMPERATURE										PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	DATE	NO. OF DAYS	1.00 OR MORE	1.00 OR MORE		
									80° OR WARMER	80° OR COLDER	32° OR WARMER	32° OR COLDER	32° OR WARMER	32° OR COLDER								
NORTHERN VALLEY 01																						
ATHENS 2	84.6M	62.0M	73.3M		95	1	54	22+	5	5	0	0	0	8.55	2.00	7	-0	0	10	5	4	
BELLE MINA 2 N	84.3	62.3	73.3		96	2+	54	12	5	5	0	0	0	5.18	1.46	7	-0	0	11	4	1	
FALKVILLE 1 E	83.8	60.8	72.3		95	4+	52	22	4	5	0	0	0	12.82	2.96	26	-0	0	9	6	5	
HUNTSVILLE WSO AP	82.6	64.6	73.6	.7	94	3	56	22+	4	4	0	0	0	9.03	2.51	7	-0	0	12	7	2	
MOULTON 2	85.2	64.8	75.0		98	1	50	12	0	6	0	0	0	7.43	1.70	7	-0	0	13	4	3	
MUSCLE SHOALS FAA AP	85.2	65.4	75.3	2.4	97	1	57	21	3	9	0	0	0	6.82	4.00	1.48	30	-0	0	11	3	3
RED BAY	88.0M	65.7M	76.9M		98	3+	56	22	0	0	0	0	0	8.75	2.80	25	-0	0	8	8	2	
RUSSELLVILLE 2	82.1M	59.9M	71.0M				51	22+	5	0	0	0	0	6.72	1.40	7	-0	0	11	5	2	
DIVISION			73.8	1.2										8.16	4.70		-0					
APPALACHIAN MOUNTAINS 02																						
BESSEMER 3 WSW	86.4	66.4	76.4		96	2	57	21	0	3	0	0	0	9.34	5.78	3.10	7	-0	0	10	5	2
BIRMINGHAM WSO AP	83.7	67.7	75.7	1.8	93	1	58	22	0	3	0	0	0	10.43	6.79	3.32	6	-0	0	10	6	4
GUNTERSVILLE	85.4M	63.5M	74.5M		95	4	53	6	0	6	0	0	0	11.07	3.97	7	-0	0	10	5	4	
ONEONTA	84.2	63.2	73.7	1.3	94	4+	54	28+	3	5	0	0	0	11.23	7.75	5.75	7	-0	0	9	5	4
SAINT BERNARD	85.3M	62.2M	73.8M	1.8	98	2	53	12	3	7	0	0	0	10.50	6.54	4.60	7	-0	0	13	5	3
SAND MT SUBSTA AU	82.1	63.9	73.0		92	4+	53	22	5	4	0	0	0	10.21	3.86	7	-0	0	12	5	2	
SCOTTSBORO	84.6	62.3	73.5	1.4	95	4	53	29+	5	4	0	0	0	10.99	7.04	2.97	8	-0	0	8	8	2
VALLEY HEAD	83.0	61.1	72.1	1.4	91	4+	49	29+	8	4	0	0	0	9.77	5.74	1.93	7	-0	0	11	6	5
DIVISION			74.1	1.7										10.44	6.76		-0					
UPPER PLAINS 03																						
ALICEVILLE	86.1	65.6	75.9		95	3+	58	21	0	7	0	0	0	9.02	6.29	2.83	7	-0	0	10	6	3
BANKHEAD LOCK AND DAM	85.8M	65.8M	75.8M				60	27+	0	0	0	0	0	7.91	4.60	3.12	7	-0	0	10	5	2
CENTREVILLE WSMO	84.8M	65.7	75.3M		92	3	58	22	0	3	0	0	0	7.59	3.13	7	-0	0	12	5	1	
CLANTON	86.2	63.5	74.9	.9	92	3+	54	12	0	5	0	0	0	6.70	3.09	2.25	16	-0	0	11	3	2
DOUBLE SPRINGS	84.8	63.5	74.2		96	1	55	12	2	5	0	0	0	10.76	3.20	7	-0	0	12	7	5	
FAYETTE	87.6M	62.7	75.2M	2.0	98	1	55	23+	0	10	0	0	0	8.96	5.80	4.23	7	-0	0	9	2	2
HALEYVILLE 3 NE	83.7	62.4	73.1	1.0	93	3+	53	22	1	5	0	0	0	7.23	3.39	2.17	7	-0	0	12	6	1
HAMILTON 3 S	85.9	60.8	73.4		98	1	52	22+	0	5	0	0	0	10.72	2.25	27	-0	0	10	8	5	
JASPER 4 N	85.5	61.5	73.5		97	2+	51	12	1	8	0	0	0	9.93	2.73	16	-0	0	10	6	3	
PRATTVILLE	86.5M	66.5M	76.5M				58	12	0	0	0	0	0	4.31	.19	.90	16	-0	0	4	0	
THORSBY EXP STATION	84.8	66.5	75.7		92	2+	60	12	0	3	0	0	0	7.05	3.01	30	-0	0	11	3	2	
TUSCALOOSA FAA AP	83.9	65.9	74.9	.2	95	2+	57	12	0	3	0	0	0	8.84	5.92	3.11	7	-0	0	10	6	2
TUSCALOOSA OLIVER DAM	86.7	66.2	76.5		96	2+	59	14+	0	6	0	0	0	9.20	6.20	5.12	7	-0	0	8	5	1
VERNON 2 N	86.0	61.8	73.9		96	4	53	21	0	4	0	0	0	10.43	1.76	7	-0	0	12	7	6	
WINFIELD 2 SW	85.3	60.6	73.0		95	3	52	12	1	6	0	0	0	8.01	4.71	1.92	7	-0	0	9	6	3
DIVISION			74.7	.7										8.44	5.02		-0					
EASTERN VALLEY 04																						
ANNISTON FAA AP	84.9	66.0	75.5		96	2	56	22	1	5	0	0	0	5.61	1.20	25	-0	0	11	5	1	
CALERA 2 SW	84.9M	61.9	75.4M				50	12	0	0	0	0	0	6.19	1.41	30	-0	0	10	5	2	
CENTRE 4 SW	83.8	63.2	73.5		94	4+	53	22+	3	4	0	0	0	9.48	3.06	16	-0	0	11	4	3	
CHILDERSBURG WTR PLANT	87.0	65.6	76.3		93	2+	53	12	0	5	0	0	0	5.51	1.99	1.55	26	-0	0	10	4	2
GAOSEN STEAM PLANT	83.6	64.3	74.0	.8	94	4	55	29+	4	3	0	0	0	7.83	4.22	1.94	7	-0	0	14	4	2
TALLADEGA	84.6	67.2	75.9	2.2	95	2	52	12	0	3	0	0	0	3.47	.07	1.59	16	-0	0	7	2	1
DIVISION			75.0	1.7										6.35	2.70		-0					
PIEDMONT PLATEAU 05																						
ALEXANDER CITY	86.8	62.0	74.4		93	2+	53	12	0	6	0	0	0	5.32	1.36	.85	17	-0	0	13	4	0
ASHLAND 2 SSE	82.8	63.9	73.4		89	3+	54	13	4	0	0	0	0	5.89	1.57	18	-0	0	12	4	1	
AUBURN AGRONOMY FARM	85.1	67.2	76.2	1.4	90	2+	61	29	0	2	0	0	0	4.43	1.12	15	-0	0	11	3	1	
HEFLIN	85.5				94	3+			0	6	0	0	0	6.74	2.13	26	-0	0	10	4	2	
LAFAYETTE	86.1	63.6	74.9		92	2	50	22	0	5	0	0	0	4.29	.91	25	-0	0	11	2	0	
MARTIN DAM	85.8	66.3	76.1		90	1	58	21	0	1	0	0	0	6.52	2.56	1.55	10	-0	0	10	4	2
OPELIKA	85.1	65.7	75.4		91	1	54	22	0	1	0	0	0	6.24	2.50	30	-0	0	9	5	1	
ROCKFORD 2 NNW	85.3	61.6	73.5		93	3+	52	12	0	4	0	0	0	8.67	2.87	13	-0	0	14	5	2	
ROCK MILLS	85.8	62.7	74.3	1.2	92	2+	53	22+	1	5	0	0	0	4.92	1.02	.86	17	-0	0	9	6	0
DIVISION			74.8	1.1										5.89	1.84		-0					
PRAIRIE 06																						
DAYTON 1 N	88.0M	67.9	78.0M																			
DEMOPOLIS LOCK AND DAM	86.5	64.0	75.3		95	24	58	23	0	10	0	0	0	5.09	1.46	2.30	7	-0	0	7	4	1
GRAINESVILLE	87.1	67.3	77.2		97	1	61	23+	0	5	0	0	0	6.54	3.60	1.98	7	-0	0	9	7	1
GREENSBORO	88.9	67.5	78.2	2.0	97	4+	60	22	0	9	0	0	0	3.68	.24	1.62	6	-0	0	8	2	1
HAYNEVILLE	89.5	70.0	79.8		92	15+	62	24+	0	14	0	0	0	3.99	.07	1.41	16	-0	0	6	3	1
LIVINGSTON 2 SW	87.9	65.4	76.7		96	2	55	6	0	8	0	0	0	7.79	4.79	3.28	6	-0	0	8	4	3
MARION JUNCTION 2 NE	86.6	65.6	76.1		92	3	58	23	0	8	0	0	0	4.10	.71	1.53	20	-0	0	9	3	2
WINTER 3 NW	89.1	67.8	78.5		94	16+	61	22	0	16	0	0	0	3.37	1.31	17	-0	0	6	2	1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
SEPTEMBER 1977

STATION		TEMPERATURE												PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	SNOW, SLEET		NO. OF DAYS				
									MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.00 OR MORE	1.00 OR MORE	
									32° OR ABOVE	32°-36° BELOW	37°-49° BELOW	50° OR BELOW											
MONTGOMERY WSO AP SELMA UNION SPRINGS 4 5	R	88.6 89.4 86.6	70.1 69.1 66.6	79.4 79.3 76.6	3.4 2.6 .9	93 13* 97 1 93 2	65 29* 62 23* 60 29	0 0 0	13 13 4	0 0 0	0 0 0	5.64 7.22 5.64	1.23 3.75 2.09	1.89 1.71 1.24	16 20 7	.0 .0 .0	0 0 0	10 9 10	5 6 6	1 3 1			
DIVISION				77.7	1.8							5.33	1.78			.0							
• • • COASTAL PLAIN 07																							
ANDALUSIA 1 NW ATHORE BEATRICE 1 E BRANTLEY BRENTON 3 ENE		84.4M 88.4 87.9 89.6 88.8	65.1M 69.7 70.0 60.9 67.2	74.8M 79.1 79.0 75.3 78.0	- 1.7	92 27* 93 10 94 1 93 10* 92 29*	58 23 65 22 64 23 52 23 61 24*	0 0 0 0 0	15 11 5 18 13	0 0 0 0 0	0 0 0 0 0	3.79 5.59 5.32 5.65 3.84	1.06 1.12 1.39 1.27 1.05	1.34 1.12 1.90 1.84 1.05	7 7 17 16 7	.0 .0 .0 .0 .0	0 0 0 0 0	11 10 7 6 9	3 6 5 4 2	1 1 2 2 1			
BRENTON 3 SSE CAMDEN 3 NW CHATON 4 N CLAYTON ENTERPRISE		88.7 87.7 88.6 85.0	66.8 62.1 68.5 66.7	77.8 74.9 78.6 75.9	2.2	92 27* 94 1 92 26* 88 17*	58 23 57 23 62 22 60 29	0 0 0 0	15 7 16 0	0 0 0 0	0 0 0 0	3.79 5.24 8.10 5.57	- 1.42 2.54 2.58 1.20	1.03 17 6 7	7 17 6 7	.0 .0 .0 .0	0 0 0 0	11 5 11 6	3 4 6 4	1 1 2 2			
EUFULA WILDLIFE REF EVERGREEN FRISCO CITY GENEVA 2 GILBERTOWN		89.5 87.8 87.4 88.7M 88.3	63.5 68.0 68.4 68.4M 66.8	76.5 77.9 77.9 78.6M 77.6	.5 2.3	92 15 92 3 91 1 92 16 94 2	53 29 61 23 65 24* 63 23 57 22	0 0 0 0 0	21 6 4 0 9	0 0 0 0 0	0 0 0 0 0	4.82 5.39 6.87 4.97 4.54	.66 .45 2.01 1.31 2.35	1.25 1.30 1.22 1.31 2.35	7 10 7 27 6	.0 .0 .0 .0 .0	0 0 0 0 0	8 12 12 9 8	4 3 6 4 2	2 3 3 1 2			
GREENVILLE HEADLAND HIGHLAND HOME OZARK 6 NNW PITTSVIEW		85.4 87.7 86.9 86.8	68.1M 66.0 68.5 63.7	76.8M 76.9 77.7 75.3		92 2 92 1 90 28* 91 1	58 23 62 29 61 30* 64 29 56 29*	0 0 0 0 0	4 10 4 4	0 0 0 0	0 0 0 0	7.62 6.65 7.73 5.27		2.36 2.61 2.25 1.40	16 26 17 7	.0 .0 .0 .0	0 0 0 0	12 9 11 8	4 4 7 4	4 2 1 1			
THOMASVILLE TROY WATLEY		88.4 87.6 90.0	65.5 68.3 65.8	77.0 78.0 77.9	1.6 2.0	94 3* 93 1 98 1	60 24* 63 29* 56 23	0 0 0	11 9 18	0 0 0	0 0 0	5.86 2.93 5.02	2.13 - 1.35 1.33	2.15 .90 1.02	7 8 10	.0 .0 .0	0 0 0	9 7 10	4 2 5	2 0 1			
DIVISION				77.2	1.2							5.46	.97			.0							
• • • GULF 08																							
BAY MINETTE 3 NNW COHEN DAUPHIN ISLAND 2 FAIRHOPE 2 NE MOBILE WSO AP		88.7 88.1 87.2 87.8 88.5	68.9 71.0 76.0 71.2 73.2	78.8 79.6 81.6 79.5 80.9	1.5	91 30* 91 8 90 30* 91 29* 94 26	62 22 65 23 71 18* 66 23 69 29*	0 0 0 0 0	13 5 3 8 10	0 0 0 0 0	0 0 0 0 0	9.60 7.61 3.56 7.53 9.61	3.43 3.98 1.15 - .02 3.02	2.58 16 6 1.89 2.19	16 16 6 17 16	.0 .0 .0 .0 .0	0 0 0 0 0	11 10 7 10 14	5 2 3 5 7	4 1 1 3 3			
ROBERTSORE DIVISION		88.1	70.2	79.2	2.4	92 29*	65 24*	0	7	0	0	8.91	1.30	1.59	17*	.0	0	12	6	3			
DIVISION				79.9	2.3							7.80	.89			.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX



ALABAMA  
SEPTEMBER 1977

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# DAILY PRECIPITATION

ALABAMA  
SEPTEMBER 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PERRYVILLE	4.70				.02	.70	.41	.53	.09		.02			.03			.41	.29		1.98								.04				18
PINE LEVEL	6.76						.37	1.07						.36	1.15	T	.46	.62		.22							.86	.02	16	1.45		
SELMA	7.22					1.45	.29	.86	.09		.30						1.06	.54		1.71							.80	.24			.06	
SUTTLE	4.20						.50	1.60									.55	.20		1.12												.18
UNION SPRINGS 4 S	5.64			.02			.45	1.24						.02	.20	.23	.85	.68		.58	.22						.92		.23			
UNIONTOWN	5.20						.10	2.20	.10				.60		.16	.62	.04				.42							.26				70
WARRIOR LOCK AND DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
X X X COASTAL PLAIN 07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABBEVILLE 1 NW	4.81		.12		.06		.25	.64	.75						.05	1.05	.36	.70		.18								.48	.17			
ALBERTA	5.52				.13	.11	.21	1.81	.02		1.70						.02	.43		.38								.31	.03			37
ANDALUSIA 1 NW	3.79			.01			.47	1.34			.06				.01		1.01	.86	.01	T	.02											
ATHENS	5.59						.35	.53	1.12			.53			.27	.83	.12	.80	.62		.24						.05		T		.03	
BEATRICE 1 E	5.32							.73			1.01				.10	.66	.65	1.90	.17	.05												
BRANTLEY	5.65					.11	.71	1.72									1.84	.92		.27								.08				
BREWTON 3 ENE	3.84		.15			.05	.21	1.05			.07	.68			.03	.16	.48	.47		.12												37
BREWTON 3 SSE	3.79		.26			.45	.15	1.03				.15					.66	.56	.10	.10	.23									.10		
BRUNSDIDGE	5.59		.07	T	.06		.12	1.73						T	.17	.45	.94	1.27		.47	.23						.06				T	
CAMDEN 3 NW	5.24					.70	.01	.62	.01		.94			T	.01	.01	.05	2.54		T	.24							.07	T			.03
CHATOM 4 N	6.10				.40	.32	2.58	T	T		.17		.04	.25	T	.50	.45	.60		.86								1.00			.93	
CLAIBORNE	5.67		.22			.26	.02	.08	.77		.15	.05		.67	.18	.35	.14	2.61	.13	.11								.09	.12			.05
CLAYTON	5.57		.07	.05		.35		.50	.70				T	T	.08	.05	.60	.57	.03	.06								1.13	.15			
COFFEE SPRINGS 2 NW	3.47					.35		.50	.70				T	T	.08	.05	.60	.57	.03	.06												
COTTONTON	7.12					.55	T	1.22	2.22							.67	.40			.55								1.02	.67	.15		22
ELBA	5.48			.02	.20	.10	.36	2.03				.02					.70	1.50	.05	.50												
ENTERPRISE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EUFALA WILDLIFE REF	4.62					.28	.30	1.25	.02						.04	.08	T	1.09	.20		.01							.78	.65	T		12
EVERGREEN	5.39		.10		.20	.10	.20	1.10			1.30	.20		T	.10		1.10	.40		.20												.39
FRISCO CITY	6.87				.05	.53	.10	1.22			.53	.40	.05	.15	.18	.33	.09	1.10	.05	1.13									.61	.05		30
GENEVA 2	4.97				.22	.05	.35	.88				.20			.04	.05	.68	.45	.55	.03									1.31	.15		
GEORGIANNA	4.92		.05		.02	.14	.10	1.07			.02	.05		.01	T	.07	.77	2.13	.05	.44												
GILBERTOWN	4.54				T	.10	2.35	.10			T		.17			.40				.17								1.13	.12		T	
GREENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.15	.18	.55	1.56	.88	.17									.04			
HEADLAND	7.62		.31		.10	.11	.29	.40									1.22	2.36	.26	1.14	.10	.02						.06	1.09	.16		
HIGHLAND HOME	6.65					.03	.18	.59						.27	.35	.30	1.43	.56	.09	.01	.07							2.61	.16			
JACKSON	6.97					.36	.56	1.42	.02		13	.01		.23	.11	.21	3.24	.42	.01	.21										.02		.02
KINSTON	5.90		.16		.11	.02	.65	2.66			09						1.17	1.01	.01	.02	T											
LOUISVILLE	8.95		.22		.60		.04	1.88	.34					.57	.36	.63	.86	.67		1.44	.03							.82	.57			
MELVIN	4.40						2.05	1.06							.44					.24												.81
NEWTON	8.50		.50			1.50		2.00	.50								.50	1.00		2.50												
OZARK 6 NW	7.73		.25		.35		.61	.87							.47	.65	.73	2.25	.23									.62				.70
PINE APPLE	3.06						.72						.20			.16	.55	.72	.22		.08								T			.41
PITTSVIEW	5.27		.06		.07	.01	.40	1.40	.40	.01					.22	.42	.96	.01		T								.70	.59			.02
RIVER FALLS	3.00					.62	.01								.60	.60	.92	.02		.23												
THOMASVILLE	5.86				.02	.82	.30	2.15	.04		.16	.02		.03	.05		.60	1.02	.20	.16								T	.25	.04		
TROY	2.93						.03	.31	.90			.01		.32	.02	.06	.30	.63	.12	.03									.20			
WALLACE 2 E	-	-	X	X	1.20	-	-	-	-	-	X	X	X	1.30	-	-	-	-	-	-	-								.20			
WATLEY	5.02		.25			.62		.67			1.02	.05	T	.25	.22	.28	.58	.68		-										.40		
X X X GULF 08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAY MINETTE 3 NW	8.60		.01		.05	.19	2.35				.63	.11		.18	.25	.15	2.58	.26		.01								1.52	.01		1.30	
CODEN	7.61		.11	.02	.23	.05	.45						.15	.43	.38	.89	3.98	T	T									.45	.32		.08	.07
DAUPHIN ISLAND 2	3.56		.03	.22	.55	.02	1.15	.01							.20	.44	.77	.17										T				T
FAIRHOPE 2 NE	7.53				.27	.81	.31	.50			.09			.03	.16	1.80	1.89	.11		.02							.17	1.28	.02		.05	.02
MOBILE WSO AP	9.61		.11	T	.81	.43	1.20			.66	.62	.27		.34	.22	.50	2.19			.38								.18		1.70		T
ROBERTSDALE	8.91		.22		.45	.21	1.59	.93			19			.68	1.55		.70	1.59		T	.30							.45	.02		T	.03

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	95 65	93 68	93 68	91 68	90 67	88 65	82 65	78 66				82 54	87 62	87 62	87 62	84 68	86 65	87 61	87 63		81 55	80 54	85 56		82 61	87 61	80 67	80 55	79 55	63 58	84.6 62.0	
BELLE MINA 2 N	MAX MIN	93 68	96 67	95 66	95 66	83 70	92 70	83 68	76 66	87 63	89 64	88 56	82 54	87 57	87 65	88 64	85 65	79 65	84 63	85 64	78 62	80 55	81 55	84 56	87 58	82 62	78 63	80 65	79 58	79 55	63 57	84.3 62.3	
FALKVILLE 1 E	MAX MIN	95 66	93 62	93 63	95 64	81 68	90 69	81 68	75 63	81 61	89 62	86 53	82 53	86 57	84 63	87 63	86 65	78 65	84 61	88 63	80 58	81 54	81 52	85 53	87 58	83 64	80 63	81 64	80 57	79 53	64 58	83.8 60.8	
HUNTSVILLE WSO AP	MAX MIN	93 70	93 70	94 68	82 69	92 70	83 71	76 70	85 65	87 65	86 67	81 61	85 56	85 66	85 66	79 68	84 68	85 65	78 61	80 56	80 56	83 56	84 60	81 66	78 65	79 64	79 64	77 58	64 57	75 62	82.6 64.6		
MOULTON 2	MAX MIN	98 67	97 67	96 66	91 68	93 70	86 71	80 67	89 65	91 65	89 72	85 57	87 50	88 72	87 70	81 67	79 69	84 67	86 64	77 68	82 63	81 56	87 56	86 58	82 68	77 67	82 66	81 66	80 58	77 56	76 62	85.2 64.8	
MUSCLE SHOALS FFA AP	MAX MIN	97 68	95 69	96 69	85 70	93 72	82 72	87 70	92 68	92 67	91 69	83 60	90 60	90 68	89 67	83 68	81 70	83 67	88 64	78 65	82 75	82 79	86 59	87 63	89 64	77 63	86 66	82 68	81 59	64 61	78 66	85.2 65.4	
RED BAY	MAX MIN	98 70	97 69	98 71		92 73	86 72	86 70	88 76	89 68	89 68		89 64	88 64	86 65	85 69			88 65	82 65	82 75	83 79	87 56	88 59	84 68	88 64	88 66	89 68	88 59	82 61	66 66	88.0 65.7	
RUSSELLVILLE 2	MAX MIN					86 64	89 69	78 69	82 63	87 52	87 53	90 63	86 52	84 53	86 57	84 64	83 65	80 66		85 60	87 60	75 60	79 51	80 51	84 52		86 64	76 63	81 66	79 52	79 53	64 58	82.1 59.9
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	95 76	96 67	95 68	88 74	89 73	81 70	78 69	87 68	89 70	88 69	88 66	88 69	86 69	87 64	89 66	84 68	88 68	89 68	82 64	84 65	86 57	87 61	89 62	84 67	87 64	86 64	84 64	86 59	68 62	84 62	86.4 66.4	
BIRMINGHAM WSO AP	MAX MIN	93 73	92 69	92 71	84 74	86 72	76 73	85 70	88 68	85 60	84 63	85 60	85 60	85 73	86 72	88 71	81 71	85 70	87 68	81 67	80 64	80 60	82 58	85 62	82 69	86 67	85 67	82 66	83 62	66 63	80 64	83.7 67.7	
GUNTERVILLE	MAX MIN		94 68	92 65	95 66	94 63	93 53	85 69	81 65	85 65	89 67	87 55	83 55	86 67	85 66	88 66	87 66	87 68	87 68	88 67	80 63	83 59	81 57	84 61	86 67	84 69	82 64	79 59	75 57	78 56	85.4 63.5		
ONEONTA	MAX MIN	94 68	92 65	92 64	94 67	80 70	92 69	80 70	76 66	84 65	88 67	84 64	82 54	85 56	84 67	89 69	87 68	80 67	85 65	87 64	79 62	81 55	82 55	84 56	88 60	85 65	84 60	80 65	82 54	65 57	65 59	84.2 63.2	
SAINT BERNARD	MAX MIN	97 65	98 64	97 66	96 65	93 67	94 69	80 69	78 66	87 62	90 67	86 53	84 53	87 64	84 66	78 66	78 65	81 68	83 64	79 60	82 55	86 58	86 60	86 56	88 64	83 63	82 61	85 63	81 58	81 55	65 58	85.3 62.2	
SAND MT SUBSTA AU	MAX MIN	92 68	90 65	91 65	92 69	79 69	88 69	80 67	77 66	86 66	87 60	83 57	82 57	84 63	83 67	84 67	85 68	78 68	84 68	85 68	77 62	79 55	78 53	82 59	82 60	81 66	79 63	78 67	77 67	72 58	62 55	82.1 63.9	
SCOTTSDORO	MAX MIN	93 66	93 66	94 64	95 66	83 70	89 71	84 70	75 67	89 65	88 65	84 54	82 55	85 55	85 66	87 66	89 67	80 68	88 67	89 66	79 60	83 55	83 53	85 56	86 56	84 64	79 62	77 62	78 55	80 53	64 55	84.6 62.3	
VALLEY HERO	MAX MIN	90 66	90 64	91 63	91 65	82 68	87 67	83 70	83 67	87 65	87 66	83 55	79 50	88 56	83 65	84 65	86 66	78 68	84 64	85 63	78 62	80 53	89 49	83 53	84 56	81 64	79 60	78 62	76 58	77 49	63 54	83.0 61.1	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	95 67	94 67	95 67	94 69	92 71	88 70	76 72	84 68	89 67	86 69	88 56	86 59	89 59	88 68	87 70	81 69	84 69	83 65	90 69	80 62	80 58	84 59	87 59	88 60	83 67	91 69	82 67	82 61	86 62	71 63	86.1 65.6	
BANKHEAD LOCK AND DAM	MAX MIN							80 69	89 68	88 68	89 67	87 60	89 61	85 69	88 69	88 69	86 69	86 69	87 69	92 66	79 64	84 62	87 63	85 60	89 65	85 68	84 68	89 60	89 69	86 67	70 66	85.8 65.8	
CENTREVILLE WSMO	MAX MIN	91 70	91 67	92 67	87 69	88 70	87 71	74 71	81 68	86 67	85 67	86 59	85 59	85 60	87 68	87 68	87 66	81 65	86 65	88 67	84 65	83 63	84 58	85 60	86 61	81 63	88 68	80 68	83 65	87 63	70 63	84.8 65.7	
CLANTON	MAX MIN	92 64	91 63	92 66	88 66	89 69	87 69	80 70	81 66	90 65	89 63	89 54	86 54	86 58	88 66	87 66	87 66	82 66	87 64	87 64	83 61	85 62	86 58	86 59	86 59	83 65	88 66	84 60	86 61	90 61	72 61	86.2 63.5	
DOUBLE SPRINGS	MAX MIN	96 67	95 67	95 66	95 66	80 70	90 70	78 70	78 65	87 65	89 65	86 59	82 55	85 58	86 60	87 67	87 63	83 64	89 69	77 61	83 58	82 56	85 57	87 61	80 66	82 66	83 66	83 59	83 59	65 60	84.8 63.5		
FAYETTE	MAX MIN	98 61	96 62	96 63	94 65	85 69	92 70	86 70	93 65	89 65	90 62	85 56	91 56	91 68	88 69	85 65	82 67	87 65	85 62	82 57	87 55	85 55	87 57	89 57	81 63	87 66	81 62	81 62	81 60	85 63	86 63	87.6 62.7	
HALEYVILLE 3 NE	MAX MIN	93 66	93 65	93 64	92 66	91 69	83 68	79 67	86 64	88 63	85 65	81 56	85 56	89 66	85 64	81 64	79 65	81 66	87 64	83 64	80 60	80 55	82 56	84 56	80 64	80 63	81 63	81 63	79 56	73 55	78 61	83.7 62.4	
HAMILTON 3 S	MAX MIN	98 63	97 62	96 62	97 62	83 66	93 69	77 70	84 63	89 63	89 64	88 57	85 52	88 54	88 64	86 67	83 67	83 67	86 60	89 60	73 52	82 52	84 53	87 55	86 55	79 60	83 62	88 63	81 57	85 71	60 60	85.9 60.8	
JASPER 4 N	MAX MIN	97 64	97 63	94 62	94 65	80 68	90 68	78 70	78 64	87 62	92 61	88 51	82 51	88 52	86 67	88 65	85 66	80 64	90 65	78 59	82 54	84 55	87 57	82 62	87 62	84 63	82 63	82 57	83 56	68 59	85.5 61.5		
PRATTVILLE	MAX MIN		67 69	67 68			69 68	77 65	79 68			88 65	87 58	87 68	85 71	87 70	86 60	84 60		84 60	82 59	82 58	83 56	82 64		84 63	86 62	88 63	88 55	92 61	63 63	66.5	
THORSBY EXP STATION	MAX MIN	92 69	92 68	90 68	87 68	82 69	77 68	77 70	84 67	87 68	87 66	84 66	85 69	85 69	84 68	84 68	79 68	82 68	85 67	86 69	85 64	85 61	83 62	86 64	86 65	82 66	83 65	89 65	88 62	81 64	81 64	84.8 65.5	
TUSCALOOSA FFA AP	MAX MIN	95 67	95 64	93 65																													

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STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	90 69	96 66	88 68	81 71	88 70	81 70	80 71	85 70	91 69	86 71	85 59	87 57	90 70	88 67	90 68	85 69	88 70	88 69	81 66	81 64	82 61	85 56	86 62	86 67	87 69	80 64	84 66	83 62	70 58	75 62	84.9 66.0		
CALERA 2 SW	MAX MIN	61 59	59 60	60 66	66 65	66 66	67 68	67 67	64 64	58 50	65 62	65 65	63 63	59 59	59 57	59 57	85 55	86 56	86 64	88 65	88 64	87 59	88 65	88 66	87 64	88 65	88 66	88 67	88 68	88 69	88 69	61.9		
CENTRE 4 SW	MAX MIN	94 66	92 64	93 65	94 69	80 68	88 67	81 70	79 69	86 65	88 69	84 62	82 53	87 57	88 65	87 65	81 66	84 66	86 65	78 64	80 56	81 53	82 58	86 62	83 65	84 62	78 65	77 59	80 54	65 59	83.8 63.2			
CHILDERSBURG WTR PLANT	MAX MIN	93 66	93 66	92 67	88 71	69 82	89 70	79 74	86 65	88 65	86 70	86 64	87 53	88 70	89 69	89 69	86 67	88 67	88 66	85 66	83 65	84 62	86 57	87 59	86 66	88 66	90 64	85 60	86 59	82 62	87.0 65.6			
GAOSEN STEAM PLANT	MAX MIN	92 69	87 66	89 66	94 69	78 69	82 68	77 64	78 66	86 66	89 72	85 65	82 55	87 67	87 65	86 66	87 67	80 67	87 67	79 64	82 58	81 56	81 60	85 63	83 66	83 66	80 67	79 62	80 55	63 59	83.6 64.3			
TALLADEGA	MAX MIN	94 73	95 72	90 70	89 71	85 70	81 71	83 69	86 70	86 69	85 70	87 65	86 52	84 63	83 72	87 69	84 67	87 69	89 69	87 69	79 67	78 67	80 69	80 69	86 69	83 69	80 67	79 69	81 67	86 58	80 56	86 57	84.6 67.2	
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	93 66	93 64	92 66	90 67	89 65	88 65	86 67	78 65	82 63	88 64	89 61	88 53	87 57	90 65	87 62	91 65	85 64	85 62	88 65	83 60	85 58	86 55	87 60	87 60	85 62	89 61	85 65	85 64	84 58	89 55	75 58	86.8 62.0	
ASHLAND 2 SSE	MAX MIN	89 65	89 65	89 65	85 65	82 69	84 68	81 66	74 69	80 68	87 63	85 68	84 62	85 63	86 66	84 66	86 66	80 66	84 67	84 65	82 57	80 61	82 56	86 59	81 64	85 62	81 65	81 62	85 63	86 66	82 61	86 66	82.8 63.9	
AUBURN AGRONOMY FARM	MAX MIN	90 69	90 66	87 66	84 69	84 70	84 70	83 71	83 70	77 66	88 69	87 67	87 65	85 68	86 69	87 66	88 69	83 69	85 68	86 65	87 64	85 65	86 65	85 62	85 65	83 67	86 68	83 65	86 61	75 62	85.1 67.2			
HEFLIN	MAX MIN	94 69	94 66	94 66	93 69	89 70	88 70	85 70	77 66	85 67	80 66	86 65	85 62	87 62	86 67	87 65	90 68	82 65	86 68	87 64	80 63	88 54	87 62	86 62	85 62	87 62	85 63	83 63	77 61	80 63	68 61	85.5		
LAFAYETTE	MAX MIN	91 66	92 64	88 67	85 68	86 68	84 67	82 69	77 68	90 65	89 67	87 65	87 63	89 67	89 66	90 64	85 67	85 66	90 65	85 67	88 61	86 58	85 58	88 61	88 65	84 65	86 61	88 65	84 59	80 58	75 60	86.1 63.6		
MARTIN DAM	MAX MIN	90 69	89 71	85 72	87 70	85 70	85 70	82 70	81 66	88 67	86 66	85 67	88 67	88 65	89 70	89 68	85 67	85 68	87 68	83 65	85 68	85 68	84 64	88 62	85 66	89 65	86 65	88 69	88 63	75 64	84 65	85.8 66.3		
OPELIKA	MAX MIN	91 71	89 70	89 71	86 69	85 69	83 70	80 72	82 66	76 66	88 65	89 67	89 62	85 62	85 67	85 67	87 67	82 68	84 68	84 67	85 64	88 63	87 54	84 64	85 62	86 62	85 59	86 64	84 63	75 61	85.1 65.7			
ROCKFORD 2 NNW	MAX MIN	93 63	93 63	91 61	90 68	87 69	85 66	84 67	77 66	83 66	87 67	87 62	82 57	86 56	85 64	86 64	82 64	86 65	83 59	83 58	84 55	85 56	86 61	85 61	82 62	84 62	83 61	84 58	87 55	73 56	85.3 61.6			
ROCK MILLS	MAX MIN	92 63	92 62	91 67	88 70	88 67	87 69	83 71	82 70	77 63	90 65	88 64	88 53	87 62	88 65	88 63	90 65	84 66	83 64	89 67	84 62	87 59	86 53	86 57	86 58	84 61	88 63	79 62	82 57	86 56	70 58	85.8 62.7		
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	72 64	95 74	94 69	91 71	92 72	87 71	81 71	84 68	89 65	88 68	87 65	90 65	90 68	91 68	90 68	85 67	87 66	88 66	89 70	89 68	83 63	87 61	87 60	88 68	85 70	91 66	87 66	88 65	80 67	80 67	88.0 67.9		
DEMOPOLIS LOCK AND DAM	MAX MIN	92 68	91 65	91 66	89 68	90 69	85 68	79 68	85 64	88 66	84 66	86 65	88 62	88 61	87 64	87 65	86 65	84 66	87 63	88 61	85 60	85 58	86 58	95 60	85 65	89 68	83 63	86 62	87 63	77 61	86.5 64.0			
GAINESVILLE	MAX MIN	97 69	95 68	96 66	95 70	93 72	90 70	77 65	85 69	89 68	84 69	87 64	88 62	90 62	88 69	87 68	83 70	83 70	85 68	89 64	85 61	86 61	87 61	88 62	86 69	91 68	81 68	85 68	88 65	73 65	87.1 67.3			
GREENSBORO	MAX MIN	96 70	97 69	96 70	97 69	96 68	96 68	84 72	90 68	87 69	87 68	91 62	85 69	89 68	89 68	82 69	88 69	86 68	83 63	86 63	87 63	88 61	88 68	84 69	91 68	82 69	86 68	83 65	88 68	88 68	88.9 67.5			
HAYNEVILLE	MAX MIN	89 73	89 74	91 74	90 74	92 73	92 74	86 75	89 74	88 72	90 72	89 69	91 71	90 72	92 73	89 69	90 71	89 71	88 70	88 65	88 65	89 66	88 62	88 62	90 65	91 67	90 67	90 68	89 69	89 70	89.5 70.0			
LIVINGSTON 2 SW	MAX MIN	94 66	96 65	95 66	92 73	91 75	85 68	85 68	89 69	89 69	88 68	90 61	86 66	88 65	84 65	87 66	87 66	88 66	84 60	87 60	87 60	85 59	87 62	88 62	89 67	88 63	88 63	84 68	84 67	87.9 65.4				
MARION JUNCTION 2 NE	MAX MIN	91 69	90 68	92 68	90 70	90 71	85 68	78 66	83 67	88 67	89 68	88 61	89 61	90 67	90 67	88 67	84 66	84 66	85 62	87 63	85 59	86 58	87 59	84 65	90 65	82 69	87 63	89 63	88 63	86.6 65.6				
MINTER 3 NW	MAX MIN	92 69	92 69	94 67	90 73	93 73	88 70	80 69	84 69	89 70	91 67	90 65	90 66	92 66	93 68	92 68	94 67	85 67	89 65	90 65	85 65	86 61	86 64	88 62	87 69	92 68	88 66	90 66	85 66	85 66	89.1 67.8			
MONTGOMERY WSD AP	MAX MIN	93 71	92 71	90 75	92 75	86 73	87 74	84 72	87 70	89 65	91 69	90 65	93 72	91 72	91 70	87 72	89 71	90 70	88 69	87 69	87 69	86 65	88 66	86 67	91 68	86 68	89 67	91 67	80 65	88 69	88.6 70.1			
SELMA	MAX MIN	97 63	95 72	94 74	93 74	89 74	87 74	83 75	90 71	89 71	90 71	89 63	92 71	95 70	88 71	85 68	89 70	88 68	88 68	86 64	87 62	87 62	89 65	87 62	92 69	91 73	87 65	86 65	86 67	89.4 69.1				
UNION SPRINGS 4 S	MAX MIN	92 69	93 69	90 67	92 70	88 70	86 69	83 70	83 69	80 67	88 67	88 69	88 66	89 64	89 67	89 67	83 67	85 66	85 66	88 70	83 66	84 65	85 65	85 61	88 66	88 67	82 66	89 66	86 60	80 61	86.6 66.6			
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	68 59	65 50	70 58	70 60	84 70	80 72	88 75	83 69	83 63	85 66	85 63	85 69	85 65	93 67	84 66	86 65	80 65	82 65	81 64	83 62	81 59	85 59	84 58	87 58	85 59	86 54	85 64	86 63	87 57	81 57	84.4 55.1		
ATMORE	MAX MIN	89 70	89 70	89 71	83 73	90 84	84 72	88 71	89 71	90 69	93 68	89 68	88 68	91 70	91 70	88 70	90 69	85 69	88 69	89 68	86 66	89 65	88 65	90 66	89 71	90 69	89 72	81 69	85 71	88.4 69.7				
BEATRICE 1 E	MAX MIN	94 73	93 72	93 73	91 74	89 74	86 74	88 70	88 74	88 70	88 69	89 70	88 69	90 71	86 72	86 71	88 70	85 68	88 68	87 70	85 68	85 68	87 66	84 67	89 66	89 68	86 66	87 66	86 67	87.9 70.0				
BRANTLEY	MAX																																	



# DAILY TEMPERATURES

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BREWTON 3 SSE	MAX MIN	90 66	88 65	81 70	90 72	87 70	84 71	89 74	91 69	92 67	90 69	91 65	92 66	91 67	91 67	90 69	85 69	83 67	88 66	87 66	87 67	89 61	87 60	88 58	89 62	90 67	91 70	92 65	91 68	86 67	91 67	88.7 66.8	
CAMDEN 3 NW	MAX MIN	94 63	92 63	93 63	90 67	91 68	88 68	80 68	80 63	89 63	86 63	87 59	89 63	89 59	89 65	89 64	82 63	82 61	87 59	88 62	89 60	84 60	87 58	86 57	89 58	87 61	90 64	86 60	87 62	89 60	84 60	87.7 62.1	
CHATHAM 4 N	MAX MIN	92 70	91 67	90 69	89 70	88 72	85 70	87 71	90 70	90 70	87 69	90 69	90 69	85 68	88 69	82 69	80 68	86 68	90 68	91 68	87 66	88 65	88 65	90 65	89 71	92 72	91 69	90 70	91 67	91 70	88.6 68.5		
CLAYTON	MAX MIN	88 68	87 66	85 67	85 69	83 69	86 70	80 69	85 68	81 68	87 69	88 66	88 66	86 66	88 70	87 67	88 67	83 67	84 69	84 65	84 66	84 66	83 64	85 66	83 68	87 66	85 65	87 65	86 60	77 62	85.0 66.7		
ENTERPRISE	MAX MIN																																
EUFULA WILDLIFE REF	MAX MIN	91 67	90 65	91 64	90 63	90 64	87 66	90 70	87 67	91 65	91 64	90 62	90 58	90 69	92 66	91 66	87 66	88 64	87 65	89 63	91 63	90 60	90 56	88 64	90 63	91 61	91 63	90 61	89 61	84 62	89.5 63.5		
EVERGREEN	MAX MIN	90 69	91 69	92 68	83 72	91 73	85 74	84 72	87 69	88 68	88 69	89 67	88 68	89 69	90 70	89 70	88 69	84 67	85 67	89 68	87 64	87 65	88 65	87 66	89 66	87 66	88 66	90 66	84 67	87.8 68.0			
FRISCO CITY	MAX MIN	91 70	90 70	89 71	89 69	88 70	87 69	84 69	86 72	90 69	86 68	88 68	89 68	89 67	87 68	87 71	86 69	88 68	87 68	85 65	85 66	85 66	85 70	86 69	86 65	87 68	88 68	89 69	87 66	88 68	87.4 68.4		
GENEVA 2	MAX MIN	89 69		90 67	81 71	84 74	84 72	86 73	89 71	89 69	90 68	91 67	90 68	91 69	91 69	92 69	89 71	89 69	87 68	90 70	89 66	89 68	88 68	88 64	88 63	90 67	90 72	89 68	91 65	87 65	88.7 68.4		
GILBERTOWN	MAX MIN	93 64	94 63	89 65	89 72	88 72	80 70	87 72	91 68	91 69	89 70	92 64	90 64	85 66	87 69	84 69	81 69	89 70	90 69	89 66	88 66	88 60	88 57	88 58	89 63	91 68	91 68	89 65	84 66	90 67	88.3 66.8		
GREENVILLE	MAX MIN															87 68	90 69	84 67	83 65	86 68	87 66	85 64	77 60	84 58	88 62	85 65	88 67	86 63	87 65	89 65	83 65		
HEADLAND	MAX MIN	91 69	92 68	88 71	86 70	85 71	86 73	86 73	85 71	80 70	84 70	84 68	84 65	83 70	83 69	83 67	90 70	83 68	80 68	78 70	80 67	88 67	87 63	86 64	88 65	88 65	89 67	85 67	85 67	90 69	82 62	85.4 68.1	
HIGHLAND HOME	MAX MIN	92 66	91 66	91 65	85 71	90 70	85 71	88 71	84 67	86 68	90 69	89 61	89 61	90 62	90 68	87 67	89 67	84 67	86 66	88 69	87 66	85 65	87 64	86 63	89 63	87 62	90 65	85 65	87 66	91 61	81 61	87.7 66.0	
OZARK 6 NNW	MAX MIN	90 69	88 68	82 71	83 71	84 71	85 72	86 72	86 69	90 70	89 68	89 66	89 66	88 70	88 69	88 68	84 68	86 67	87 70	88 68	88 69	87 65	87 65	85 66	88 68	88 68	89 69	85 64	85 67	85 67	86.9 68.5		
PITTSVIEW	MAX MIN	91 63	90 63	89 64	84 69	87 66	87 66	85 68	87 68	80 65	89 65	89 56	89 56	88 67	87 66	88 63	90 66	83 66	84 66	89 68	85 65	86 62	88 56	86 58	87 58	86 65	89 67	87 64	89 60	90 56	86.8 63.7		
THOMASVILLE	MAX MIN	94 66	94 65	94 65	90 69	89 70	89 71	80 70	85 66	89 66	90 67	88 68	90 63	91 67	83 68	87 68	87 66	82 65	90 65	91 67	88 61	87 61	88 60	88 60	89 60	86 64	91 70	88 64	89 65	91 64	84 65	88.4 65.5	
TROY	MAX MIN	93 70	90 68	83 71	86 71	89 71	85 70	87 72	79 68	91 69	90 67	89 67	89 67	89 70	90 71	89 68	85 69	85 68	89 67	87 70	87 67	87 66	87 63	89 67	90 69	88 68	90 67	82 63	85 67	87.6 68.3			
WHATLEY	MAX MIN	98 66	87 65	91 67	90 66	90 72	85 73	86 72	90 67	93 68	92 65	93 69	90 66	89 65	89 64	89 65	88 65	89 66	91 65	90 66	85 63	89 60	89 61	90 56	85 60	91 67	92 62	92 61	93 67	92 69	91 75	90.0 65.8	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	90 71	90 70	82 70	91 72	86 70	85 72	88 73	91 70	91 71	87 68	89 68	89 70	89 69	87 69	90 71	84 69	86 68	90 68	88 70	87 66	89 64	88 62	89 63	89 66	91 75	91 74	91 75	91 74	90 69	91 72	88.7 68.9	
COOEN	MAX MIN	83 71	89 70	89 73	88 74	88 74	85 73	88 77	91 72	89 71	88 68	87 69	88 69	90 72	87 70	88 70	85 70	86 69	89 70	88 69	89 71	87 67	89 66	89 65	87 66	88 75	89 74	89 75	90 74	88 69	90 77	88.1 71.0	
DAUPHIN ISLAND 2	MAX MIN	86 78	87 76	89 75	83 76	87 78	85 72	85 76	87 78	89 77	88 77	85 76	86 78	89 77	86 71	86 72	87 72	86 71	87 71	85 76	87 74	85 76	89 77	86 76	88 77	88 80	87 78	87 78	89 78	90 76	87.2 76.0		
FAIRHOPE 2 NE	MAX MIN	89 72	91 72	91 71	88 73	89 71	83 72	83 75	88 74	80 74	90 70	85 69	86 70	90 70	90 71	83 72	88 70	85 69	85 71	88 70	88 68	86 67	87 67	88 66	90 71	89 71	88 71	89 78	91 76	87 70	87.8 71.2		
MOBILE W50 AP	MAX MIN	92 75	93 74	82 75	89 77	87 76	85 76	91 78	92 75	92 72	87 70	89 70	89 70	86 72	80 72	86 74	81 72	89 73	90 73	88 72	89 71	89 71	89 69	89 71	92 76	94 77	92 78	90 72	87 69	88 75	88.5 73.2		
ROBERTSDALE	MAX MIN	90 72	92 70	91 70	80 72	89 74	86 72	83 73	87 73	90 73	90 68	88 68	88 68	90 70	89 71	84 72	89 71	84 70	89 72	87 70	88 69	88 67	89 66	89 65	89 65	89 67	88 71	88 71	87 73	87 70	87 70	88.1 70.2	



# DAILY SOIL TEMPERATURES

ALABAMA  
SEPTEMBER 1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)	2 MAX	102	103	98	95	92	89	84	81	85	90	92	93	90	93	90	89	87	87	90	85	90	90	90	91	85	91	85	87	88	77	89.6	
		MIN	77	76	77	76	74	73	74	74	71	72	71	67	68	75	72	72	72	72	75	71	69	68	68	69	70	72	72	69	68	67	71.7	
	(IN)	4 MAX	98	98	94	92	87	86	83	81	77	77	87	88	89	88	90	87	87	84	85	87	84	88	88	88	87	84	88	83	85	87	77	86.9
		MIN	80	79	79	77	76	74	76	77	73	72	72	70	72	77	74	74	73	73	76	73	73	73	71	71	71	72	73	74	72	70	70	73.8
BREWTON 3 ENE	(IN)	8 MAX	92	93	92	90	86	85	81	79	76	84	85	86	83	85	84	82	82	83	85	80	83	83	83	83	85	82	85	80	80	82	75	83.7
		MIN	82	82	82	81	79	78	77	76	74	75	76	74	74	77	75	75	76	77	79	75	73	74	72	75	75	76	75	73	73	71	76.0	
	(IN)	4 MAX	93	98	94	81	94	89	81	85	93	90	93	91	94	95	91	92	84	85	90	92	90	96	96	93	93	92	93	94	99	89	91.3	
		MIN	75	76	75	75	76	77	77	75	75	76	74	74	75	76	76	76	75	74	74	75	73	73	73	73	75	76	76	76	78	76	75.2	
HEADLAND	(IN)	4 MAX	97	97	90	85	83	84	85	85	88	90	93	91	89	90	90	84	95	86	86	87	87	87	87	87	85	91	85	88	87	80	87.9	
MARION JCT 2NE	(IN)	MIN	79	80	79	78	78	78	77	77	76	75	76	78	75	78	75	75	75	75	74	75	74	74	74	74	74	77	74	74	73	72	75.8	
	4 MAX	88	88	90	88	88	84	80	81	86	86	86	87	85	87	85	83	81	87	86	80	83	84	84	84	84	81	85	80	82	85	78	84.4	
PITTSVIEW	(IN)	MIN	79	81	81	81	80	80	80	78	78	79	78	78	78	79	79	78	77	77	78	76	75	76	76	76	75	77	79	78	77	76	75	78.0
	4 MAX	95	95	90	87	88	86	83	86	82	89	90	89	87	86	86	87	83	84	87	85	88	88	86	85	83	87	86	86	87	77	86.6		
THORSBY EXP STATION	(IN)	MIN	77	79	79	79	78	77	75	76	76	76	76	73	73	75	74	75	76	77	77	76	75	73	72	72	73	75	75	74	72	71	75.2	
	4 MAX	99	99	99	99	89	81	80	85	85	90	88	90	88	85	86	84	85	85	84	85	85	85	85	85	85	85	82	84	84	81		86.9	
WINFIELD 2 SW	(IN)	MIN	81	80	80	80	79	78	77	75	72	72	73	74	75	76	76	75	79	80	76	75	74	73	71	74	75	74	75	73	73	73	75.6	
	4 MAX	94	94	94	98	81	89	78	82	86	85	86	87	88	86	83	80	80	84	85	76	82	84	84	88	76	80	83	78	82	72	84.2		
		MIN	82	80	80	79	77	78	75	74	75	76	73	70	76	75	75	75	73	76	71	70	70	70	70	74	70	71	74	70	67	70	74.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
SEPTEMBER 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.27	.28	.31	.13	.20	.11	-	.18	.19	.15	.27	.21	.23	.36	.16	.14	.12	.16	.16	.13	.17	.17	.18	.16	.20	.07	-	.18	.17	-	5.628
		WIND	52	57	65	58	61	66	183	105	33	37	75	57	97	62	75	42	30	26	44	42	37	30	41	65	48	50	45	53	53	83	1772
		MAX	93	90	90	86	93	85	77	88	92	91	85	87	87	87	85	79	90	90	83	84	84	87	88	82	74	79	77	82	77	72	84.8
		MIN	70	70	70	70	71	72	70	66	68	72	62	59	69	67	68	69	70	69	70	67	60	60	63	68	66	64	67	62	60	60	66.6
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.30	.29	.26	.14	.24	.13	.18	.11	.17	.19	.15	.26	.20	.19	-	-	.07	.12	.17	.08	.15	.16	.17	.18	.05	-	-	-	.18	-	5.188
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.29	.30	.22	.17	.06	.10	.09	.12	.05	.15	.17	.23	.16	.19	.31	.26	.13	.10	.20	.10	.19	.20	.21	.20	.10	.18	.14	.14	.24	.15	5.15
		WIND	30	44	53	49	16	17	60	78	17	-	39	33	36	34	30	38	28	13	21	22	21	25	25	19	15	25	20	32	42	19	9328
		MAX	94	94	91	90	89	85	84	83	76	92	92	93	89	89	89	89	85	89	93	85	91	90	89	91	86	91	83	88	90	74	88.1
		MIN	70	68	71	72	72	69	70	70	68	69	68	62	71	71	67	67	71	72	74	66	66	63	63	67	71	70	68	66	61	60	68.1
MARTIN DAM		EVAP	.19	.14	.15	.09	.10	.03	.10	.07	.11	.18	.19	.16	.13	.11	.21	-	.10	.06	.08	.14	.15	.20	.15	.08	.26	.07	.07	.23	.07	.11	3.868
		WIND	28	30	24	17	18	49	29	17	12	22	26	30	33	24	29	19	16	16	20	20	27	20	20	18	30	20	32	34	18	42	740
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.27	.19	.25	.25	.23	.13	.07	.07	.28	-	.15	.20	.18	.17	.13	.11	.07	.15	.12	.07	.26	.21	.13	.27	.08	.18	.26	.14	.04	-	4.998
		WIND	51	49	51	76	24	110	105	60	42	18	24	28	32	35	44	34	22	16	11	35	27	23	28	11	25	25	20	23	15	22	1086
		MAX	96	97	98	93	92	89	73	86	94	84	92	98	94	89	89	85	86	95	92	81	92	93	95	95	97	95	88	88	96	77	90.6
		MIN	72	72	71	72	74	73	72	71	69	72	72	69	68	72	72	70	71	71	72	63	68	68	68	66	70	72	52	68	72	67	69.6
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.20	.22	.22	.07	.17	.08	.09	.18	.21	.23	.11	.16	.20	.13	.04	-	-	.15	.17	.14	.17	.20	.20	.19	.14	.22	.17	.16	.19	.09	4.828
		WIND	21	5	32	34	4	21	36	34	11	18	13	10	3	5	4	16	13	5	7	12	9	13	10	7	2	9	10	24	17	7	412
		MAX	97	96	97	92	99	87	90	95	100	101	90	96	103	98	81	90	83	93	98	92	95	96	95	95	96	98	99	96	98	91	94.6
		MIN	72	71	71	71	73	73	75	75	74	72	71	70	73	72	72	73	70	71	73	71	70	70	70	69	71	73	73	76	75	71	72.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
SEPTEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	ORAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S. RICHBURG
ADOISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GODSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J. HARJOY JR.
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W. MORRIS TAYLOR
ANADUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATIONAL WEATHER SERV
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B. NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E. MILLER JR.
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L. BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R. E. HENDERSON
BRENTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BRENTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K. STYRON
BRUNOIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L. HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G. FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS. ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILDOERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS. ELIZABETH M. WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M. OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E. EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		SP			R. O. HEARD
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A. BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R. N. HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M. H. RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS. HELEN E. FAIR
ENTERPRISE	2675	07	COFFEE	5	31 19	85 52	409	SP	SP		C H	MRS. CLOYE F. JACKSON
EUFALA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFALA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	220	7A	7A		H	SAM P. ROBINSON
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M. DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W. C. MAJORS
GAOSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS. GLAUCY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C. REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS. WILLIE J. ARRINGTON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
SEPTEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINDLEY
GUNTERVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	MID	MID	MID	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEDS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. 8. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN 8. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MID	MID		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MID	MID		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMG RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802	7A	MID		H	ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLAOEGA	8024	04	TALLAOEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
SEPTEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288			6A		ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	CLOSED 8/23/77
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW CLOSED STATIONS	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.
WATERLOO	8686	01	LAUDERDALE	12	34 55	88 04	457	1P	1P		H	CLOSED 8/23/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	Smithdale fine sandy loam	Bare	0-2%
Headland	Dothan sandy loam	Bare	Unknown
Marion Junction	Sumter Clay	Bare	3-5%
Pittsview	Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station	Fine loamy	Bare	0-2%
Winfield 2 SW	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- + And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- \* Amount included in following measurement, time distribution unknown.

- ⌘ Gage is equipped with a windshield.

- ‡ Extreme occurred at station with incomplete data which may have been exceeded.

- B Adjusted to a full month.

- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

- T Trace, an amount too small to measure.

- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- G "Soil Temperature" table.

- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

- J "Supplemental Data" table.

- SS This entry in time of observation column in Station Index means observation made near sunset.

- VAR This entry in time of observation column in Station Index means variable.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

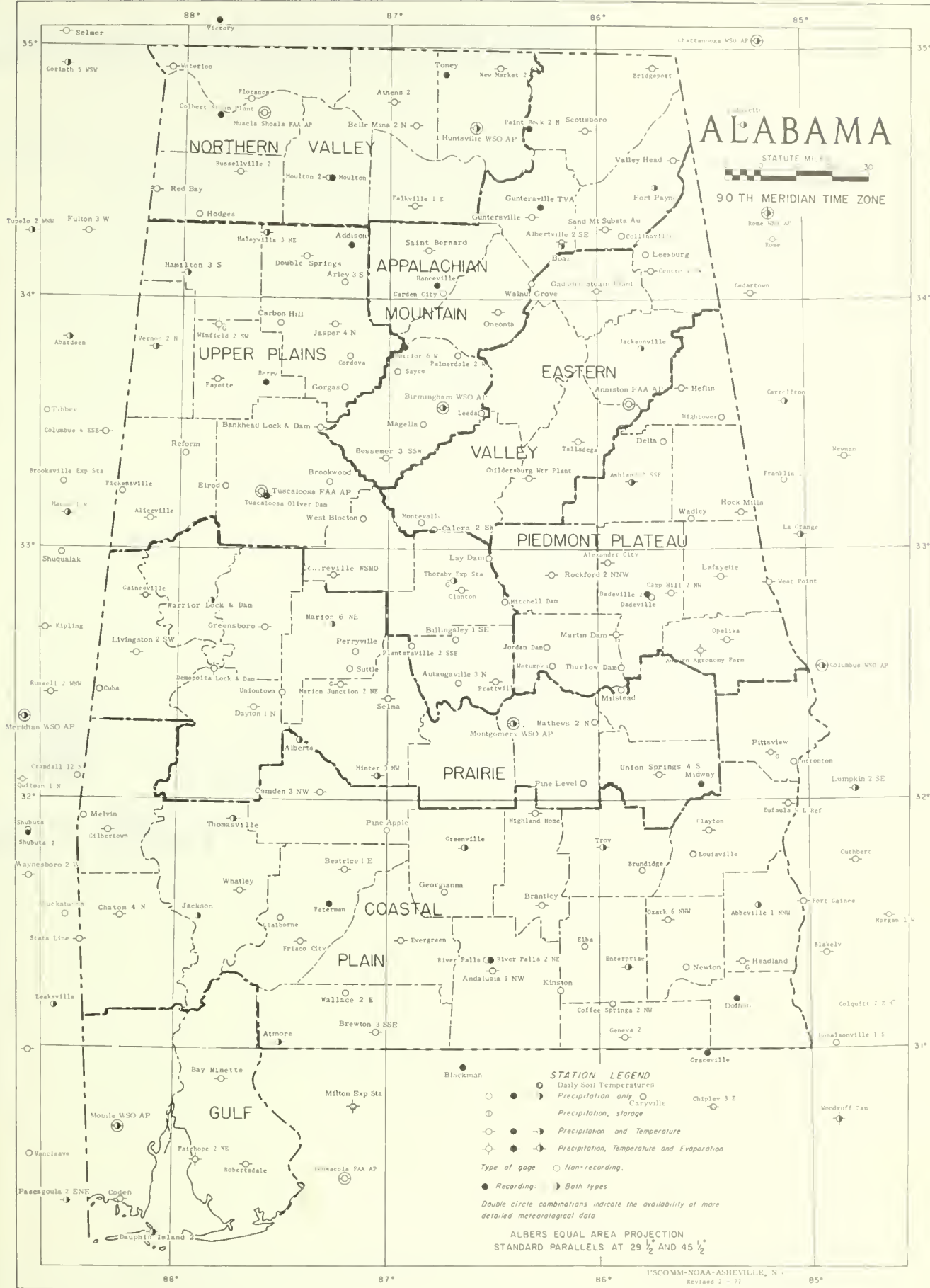
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	WHATLEY	95	DATE 01
LOWEST TEMPERATURE:	3 STATIONS	27	DATE 17
GREATEST TOTAL PRECIPITATION:	GORGAS	10.57	
LEAST TOTAL PRECIPITATION:	GENEVA 2	1.31	
GREATEST 1 DAY PRECIPITATION:	TUSCALOOSA FAA AP	5.73	DATE 25

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	36	1.3	6.1	21	NW	09+	84	85	59	68	4	2	2	0	0	2	10	63	5.1	
HUNTSVILLE WSO AP	3	1.2	8.8	25+	32	15+	84	85	56	67	0	4	1	1	1	1	8	-	5.1	
MOBILE WSO AP	2	2.4	7.3	23+	35	02	84	88	52	66	1	1	2	1	2	0	7	-	4.4	
MONTGOMERY WSO AP	35	1.4	6.0	23	N	02	74	78	48	60	1	2	4	0	1	0	8	67	4.4	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL / NATIONAL CLIMATIC CENTER  
DATA SERVICE / ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
OCTOBER 1977

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	COOLING DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											30° OR MORE	20° OR MORE	10° OR MORE	5° OR MORE					TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	-100 OR MORE	
NORTHERN VALLEY 01		70.1M	44.6M	57.4M		86	2	30	17	249	0	0	3	0	5.22		1.50	25	.0	0		8	4	4	
ATHENS 2		70.0	44.6	57.3		86	2	32	17	246	0	0	2	0	5.76		1.62	9	.0	0		6	5	2	
BELLE MINA 2 N		69.9	42.5	56.2		81	1	29	17	279	0	0	5	0	5.05		1.92	9	.0	0		7	4	2	
FALKVILLE 1 E		69.1	47.5	58.3	- 3.9	85	1	34	17	216	0	0	0	0	5.31	2.74	2.57	8	.0	0		4	3	2	
HUNTSVILLE W50 AP		70.8	46.5	58.7		86	1	31	17	210	0	0	1	0	4.06		1.83	25	.0	0		4	2	2	
MOULTON 2																									
MUSCLE SHOALS FAR AP		72.4	48.4	60.4	- 1.8	86	1	35	17	153	0	0	0	0	3.85	1.61	1.29	25	.0	0		4	3	2	
REO BAY		73.1M	47.4M	60.3M		84	2	33	17	162	0	0	0	0	4.26		2.51	25	.0	0		3	2	2	
RUSSELLVILLE 2		68.7	41.2	55.0		85	2	27	17	317	0	0	6	0	3.76		2.50	25	.0	0		5	2	1	
DIVISION				58.0	- 3.9									4.66	2.14			.0							
APPALACHIAN MOUNTAINS 02																									
BESSEMER 3 WSW		73.5	48.1	60.8		88	1	36	18	151	0	0	0	0	7.15	4.79	4.67	25	.0	0		4	2	2	
BIRMINGHAM W50 AP		70.0	49.8	59.9	- 3.4	87	1	36	17	176	0	0	0	0	7.52	4.94	3.55	8	.0	0		4	2	2	
GUNTERSVILLE		71.3	46.3M	58.8M		86	2	32	14	198	0	0	1	0	7.65		3.62	25	.0	0		4	4	3	
ONEONTA		70.3	45.3	57.8	- 3.7	85	2	32	17	231	0	0	2	0	6.88	4.39	3.37	9	.0	0		5	3	3	
SAINT BERNARD		69.5	43.5	56.5	- 4.8	86	2	29	18	272	0	0	3	0	8.40	5.64	3.69	9	.0	0		6	4	3	
SAND MT SUBSTA AU		68.5	45.6	57.1		84	2	33	18	249	0	0	0	0	9.22		3.04	9	.0	0		6	4	3	
SCOTTSBORO		71.1	43.1	57.1	- 4.3	85	2	30	18	254	0	0	4	0	7.90	5.19	2.86	26	.0	0		6	4	3	
VALLEY HERO		68.4	40.8	54.6	- 5.1	86	2	28	18	326	0	0	7	0	7.33	4.49	2.66	26	.0	0		6	4	4	
DIVISION				57.8	- 4.0									7.76	5.11			.0							
UPPER PLAINS 03																									
ALICEVILLE		73.5	46.5	60.0		90	2	32	17	189	2	0	1	0	5.46	3.22	2.82	25	.0	0		5	2	2	
BANKHEAD LOCK AND DAM		70.2	48.5	59.4		86	2	35	18	187	0	0	0	0	8.25	5.85	3.02	9	.0	0		4	3	3	
CENTREVILLE W5MO		72.9	48.2	60.6		88	2	34	18	168	0	0	0	0	7.11		2.88	9	.0	0		4	3	3	
CLANTON		74.3	46.6	60.5	- 2.9	88	2	32	17	170	0	0	1	0	3.30	.89	1.10	9	.0	0		5	3	1	
DOUBLE SPRINGS		70.4	44.1M	57.3M		85	2	32	17	253	0	0	2	0	5.97		2.60	8	.0	0		3	3	3	
FAYETTE		73.5M	45.6M	59.6M	- 3.3	90	2	32	17	190	1	0	1	0	10.48	7.92	4.11	9	.0	0		7	5	4	
HALEYVILLE 3 NE		69.3M	45.0M	57.2M	- 4.9	84	1	30	17	255	0	0	3	0	5.36	2.74	2.96	8	.0	0		5	2	2	
HAMILTON 3 S		72.2	41.1	56.7		88	2	28	18	274	0	0	5	0	5.83		2.83	9	.0	0		5	3	2	
JASPER 4 N		71.2	44.1	57.7		84	2	29	17	240	0	0	2	0	7.46		3.51	9	.0	0		5	4	2	
PRATTVILLE																									
THORNSBY EXP STATION		73.6	50.2	61.9		87	1	35	17	131	0	0	0	0	4.81		2.65	25	.0	0		4	3	1	
TUSCALOOSA FAR AP		71.0	46.4	58.7	- 5.6	87	1	31	17	211	0	0	1	0	7.78	5.21	5.73	25	.0	0		3	2	2	
TUSCALOOSA OLIVER DAM		73.0	48.7	60.9		89	2	37	18	153	0	0	0	0	7.94	5.36	3.33	26	.0	0		3	3	3	
VERNON 2 N		73.3	43.6	58.5		88	2	28	17	224	0	0	4	0	7.77		2.90	9	.0	0		4	4	3	
WINFIELD 2 SW		71.5	42.4	57.0		87	2	27	17	260	0	0	4	0	6.76	4.39	2.56	9	.0	0		5	4	3	
DIVISION				59.0	- 4.5									6.73	4.28			.0							
EASTERN VALLEY 04																									
ANNISTON FAR AP		71.7	48.2	60.0		91	1	33	17	167	1	0	0	0	6.30		3.96	8	.0	0		3	2	2	
CALERA 2 SW		76.9M	45.3	61.1M		90	1	29	17	162	1	0	3	0	5.35	2.97	3.27	25	.0	0		3	3	2	
CENTRE 4 SW		70.2	44.8M	57.5M		86	2	31	17	237	0	0	1	0	7.04		2.63	9	.0	0		6	4	2	
CHILDERSBURG WTR PLANT		74.9	46.1	60.5		90	1	31	17	153	1	0	1	0	5.18	2.73	3.30	25	.0	0		4	2	2	
GROSSDEN STEAM PLANT		69.6	47.8	58.7	- 3.3	87	2	35	17	208	0	0	0	0	6.52	3.97	3.00	26	.0	0		4	4	2	
TALLADEGA		70.9	46.2	58.6	- 4.5	84	2	33	19	203	0	0	0	0	4.93	2.61	3.42	25	.0	0		2	2	2	
DIVISION				59.4	- 3.2									5.89	3.40			.0							
PIEDMONT PLATEAU 05																									
ALEXANDER CITY		75.0M	48.0M	61.5M		89	2	35	17	127	0	0	0	0	3.92	1.26	1.50	26	.0	0		5	3	1	
ASHLAND 2 SSE		69.2	47.4	58.3		85	2	31	18	214	0	0	1	0	4.89		2.62	9	.0	0		5	2	2	
AUBURN AGRONOMY FARM		72.4	49.5	61.0	- 4.1	84	2	35	18	152	0	0	0	0	3.36	.85	1.41	9	.0	0		6	3	1	
HEFLIN		70.6	42.8M	56.7M		84	3	29	17	260	0	0	0	0	5.0		5.23	9	.0	0					
LAFAYETTE		74.2	47.5	60.9		88	1	31	17	149	0	0	2	0	4.09		2.26	25	.0	0		4	2	2	
MARTIN DAM		72.6	50.9	61.8		88	1	35	17	132	0	0	0	0	3.49	1.34	1.85	8	.0	0		4	3	1	
OPELIKA		72.8	47.4	60.1		86	2	31	18	172	0	0	1	0	3.64		2.05	9	.0	0		5	2	1	
ROCKFORD 2 NNW		73.0M	45.9M	59.5M		87	2	32	18	183	0	0	3	0	3.76		1.00	25	.0	0		5	4	2	
ROCK MILLS		72.9	45.4	59.2	- 3.4	87	2	30	17	193	0	0	2	0	3.50	1.09	1.14	26	.0	0		5	4	2	
DIVISION				59.9	- 3.7									3.83	1.31			.0							
PRAIRIE 06																									
DAYTON 1 N		75.6	49.6	62.6		92	2	33	17	125	2	0	0	0	2.36	.07	1.30	25	.0	0		3	2	1	
DEMOPOLIS LOCK AND DAM		73.8	45.5	59.7		90	2	30	18	190	1	0	3	0	4.56	2.06	1.74	26	.0	0		3	3	3	
GRAINESVILLE		74.4	48.5	61.5		90	1	35	17	147	1	0	0	0	6.05	3.86	3.86	25	.0	0		5	2	2	
GREENSBORO		74.7	50.2	62.5	- 4.0	90	1	33	17	122	1	0	0	0	5.18	2.70	3.70	25	.0	0		3	2	2	
HAYNEVILLE		78.1M	49.5	63.8M		89	2	33	17	69	0	0	0	0	2.31	.16	.78	25	.0	0		3	3	0	
LIVINGSTON 2 SW		76.1M	49.5M	61.0M		91	1	30	17	168	1	0	2	0	6.90	4.45	4.96	25	.0	0		2	2	2	
MARION JUNCTION 2 NE		74.2	46.3	60.3		91	2	33	18	182	1	0	0	0	2.19	.24	1.02	9	.0	0		5	2	1	
MINTER 3 NW		75.1	49.4	62.3		92	2	33	17	135	2	0	0	0	2.35		.79	26	.0	0		5	3	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
OCTOBER 1977

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW - SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											80° OR HIGHER	32° OR BELOW	32° OR BELOW	80° OR BELOW										
MONTGOMERY WSO AP	R	75.7	52.2	64.0	- 1.8	91	1	38	17	87	1	0	0	0	2.60	.36	1.27	25	.0	0		5	1	1
SELMA		76.3	51.5	63.9	- 2.9	92	1	34	17	95	1	0	0	0	1.47	- 1.09	.49	9	.0	0		4	0	0
UNION SPRINGS 4 S		73.1	48.4	60.8	- 5.2	87	2	36	19*	159	0	0	0	0	2.97	.63	1.32	3	.0	0		4	2	1
DIVISION				62.0	- 3.9										3.54	1.16			.0					
* * * COASTAL PLAIN																								
ANDALUSIA 1 NW		73.9	43.7M	58.8M	- 8.1	87	1	28	18*	224	0	0	5	0	2.66	.31	.85	25	.0	0		4	3	0
ATHORE		77.2	53.0	65.1		92	1	38	17*	82	2	0	0	0	3.44		1.30	26	.0	0		5	3	1
BEATRICE 1 E		75.5	51.1	63.3		86	1	40	17*	96	0	0	0	0	2.07	-.04	1.29	9	.0	0		2	2	1
BRANTLEY		77.2				89	1				0	0	0	0	2.62	.56	1.04	26	.0	0		3	3	1
BREWTON 3 ENE		76.9	47.9	62.4		91	1	33	18*	139	1	0	0	0	3.67		1.83	26	.0	0		5	3	1
BREWTON 3 SSE		76.7	48.5	52.6	- 3.3	88	1	30	17	133	0	0	4	0	1.71	- 1.09	.84	25	.0	0		3	2	0
CAMDEN 3 NW		75.3	46.8M	61.1M		90	2	30	15*	159	1	0	2	0	1.55		.77	9	.0	0		3	1	0
CHATON 4 N		77.7	51.4	64.6		93	1	32	14*	88	2	0	2	0	3.06		1.12	9	.0	0		5	3	1
CLAYTON		73.4	49.4	61.4		85	2	36	17*	136	0	0	0	0	1.71	-.42	.53	3	.0	0		4	1	0
ENTERPRISE 5 NNW								37	17*		0	0	0	0					.0	0				
EUFULA WILDLIFE REF		77.3	45.0M	61.2M	- 4.9	88	1	34	18	142	0	0	0	0	1.60	-.34	.80	26	.0	0		4	1	0
EVERGREEN		77.1	49.7	63.4	- 2.2	90	2*	33	17	116	2	0	0	0	2.75	.63	1.23	26	.0	0		3	3	1
FRISCO CITY		75.5	50.8	63.2		88	3*	37	17*	109	0	0	0	0	2.90	.14	1.00	25	.0	0		5	3	1
GENEVA 2		77.5	48.9M	63.2M		90	2	34	17	116	1	0	0	0	1.31		.68	26	.0	0		3	1	0
GILBERTOWN		75.6M	46.7M	61.2M		92	1	30	17	164	2	0	2	0	3.65		1.05	9	.0	0		5	3	2
GREENVILLE		74.8	47.3	61.1	- 5.7	90	1	32	17	169	1	0	1	0	2.23	.08	.93	25	.0	0		3	3	0
HEADLAND		73.5	49.8	61.7		90	2	30	14	145	1	0	1	0	1.81		1.25	26	.0	0		2	1	1
HIGHLAND HOME		75.2	49.0	62.1	- 4.3	89	2	34	15*	131	0	0	0	0	2.02	-.22	.86	25	.0	0		4	2	0
OZARK 6 NNW		75.4	53.4	64.4	- 3.2	87	2	39	15*	81	0	0	0	0	1.91	.01	1.03	25	.0	0		3	1	1
PITTSVIEW		75.2	43.3	59.3		88	2	27	17	203	0	0	5	0	1.40		.75	26	.0	0		4	1	0
THOMASVILLE		76.7	47.4	62.1	- 3.9	92	2	32	18*	133	2	0	2	0	1.79	- 1.17	1.22	9	.0	0		3	1	1
TROY		74.8	52.8	63.8	- 3.2	86	1	37	14*	92	0	0	0	0	1.74	-.52	.88	25	.0	0		2	2	0
WHITLEY		79.5	42.9M	61.2M		95	1	28	17	148	2	0	7	0	2.48	-.05	1.70	9	.0	0				1
DIVISION				62.2	- 4.3										2.28	-.07			.0					
* * * GULF																								
BAY MINETTE 3 NNW		77.7	53.5	65.6	- 3.3	90	1	35	13	75	1	0	0	0	3.28	.44	1.90	25	.0	0		5	2	1
COHEN		75.2	55.0	65.1		90	2	38	17*	84	1	0	0	0	3.97		1.59	25	.0	0		4	3	2
DAUPHIN ISLAND 2		75.2				90	1				1	0	0	0	2.79		1.20	12	.0	0		6	2	1
FAIRHOPE 2 NE																								
MOBILE WSO AP		75.9	54.4	65.2	- 3.7	89	1	40	14	73	0	0	0	0	4.57	2.02	1.92	25	.0	0		5	3	2
ROBERTSOALE		77.1	52.8M	65.0M	- 3.2	90	1	39	18*	84	1	0	0	0	6.36	3.40	2.89	26	.0	0		6	5	2
DIVISION				65.2	- 3.9										4.19	1.37			.0					

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STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
X X X NORTHERN VALLEY 01																																	
ATHENS 2		5.22	.15	1.06						1.07	1.04							.10										1.50	.18	.12			
BELLE MINA 2 N		5.76	.97	.38	T				.76	1.62	.97						.06										1.26	.69	.01				
FALKVILLE 1 E		5.05	.22	.17	T				.54	1.92			.01					T									.93	1.10	.03				
HODGES		5.07		.09					1.21	1.40			.24														2.00	.13					
HUNTSVILLE WSO AP		5.31		.24				.09	2.57			.03	.24				.03								.55		1.79	.01					
MOULTON 2		4.06	T	.29					1.69		.16																1.83	.09					
MUSCLE SHOALS FAR AP		3.85	T	.28				.05	1.26		.07					T									.83		1.29	.07					T
RED BAY		4.26		.15					4.26		1.60																2.51						
RUSSELLVILLE 2		3.76	.18							.60																	2.50	.32	.16				
X X X APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW		7.15		.14					2.00	.05							.01		.01						.28		4.67						
BIRMINGHAM WSO AP		7.62	T	.03					3.55	.18		T					.01							.47		3.28	T						T
BOAZ		8.20	1.35	.10					.22	3.25																	1.13	2.09	.02				
COLLINSVILLE		6.39		.34					2.06	.74			.04														3.25						
FORT PAYNE		6.27	.12	.30					.20	2.07			.08														.70	2.70	.10				
GARDEN CITY		7.72	.30	.07					.76	2.33		.35															2.12	1.79					
GUNTERSVILLE		7.65		1.03	.02				1.97	.91						.05											3.62	.05					
LEODS		9.59	1.22	.14					.22	3.95																	1.84	2.32					
ONEONTA		6.88	.44	T	T				.15	3.37																	1.22	1.64	.06				
PALMERDALE 2 W		7.47	.20						.46	3.50																	1.83	1.60					
SAINT BERNARD		8.40		.18					.62	3.85			.03														1.58	2.18	.11				
SAND MT SUBSTA AU		9.22</																															

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## DAILY TEMPERATURES

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STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	80 59	86 63		68 38	70 40	74 49	73 49	74 54	67 45	65 42	65 42	64 36	59 34	60 31	70 31	71 37	70 30	70 38	71 38	70 35	69 37		75 39	75 52	74 59	65 55	70 50	56 50	75 55	73 49	73 57	70.1 44.6	
BELLE MINA 2 N	MAX MIN	76 60	86 70	70 45	67 41	71 41	75 43	74 49	75 48	67 48	64 44	65 45	65 38	59 36	61 34	65 32	73 36	58 32	66 38	70 35	69 37	69 37	74 39	75 42	76 45	73 55	73 54	70 52	67 52	73 55	70 50	74 51	70.0 44.6	
FALKVILLE 1 E	MAX MIN	81 60	80 57	73 44	66 36	71 37	75 40	74 45	75 43	68 46	64 42	63 43	68 38	58 30	59 29	67 29	72 36	59 30	67 29	73 36	70 33	70 34	74 38	75 41	74 50	75 56	65 53	70 52	67 51	73 55	74 50	74 51	69.9 42.5	
HUNTSVILLE WSO AP	MAX MIN	85 71	77 52	66 47	71 43	74 45	72 50	73 49	68 59	66 46	64 46	65 48	58 40	59 35	64 34	73 40	59 39	64 34	71 41	68 40	68 39	73 42	74 45	73 48	74 55	66 59	70 55	66 52	73 52	68 54	72 52	68 56	69.1 47.5	
MOULTON 2	MAX MIN	86 71	82 59	67 44	72 40	76 42	75 50	74 49	69 62	68 46	67 45	63 43	59 38	64 33	65 33	71 39	64 40	68 31	72 40	70 39	71 38	72 36	74 45	76 48	74 53	69 59	71 56	70 52	69 46	71 53	77 53	69 58	70.8 46.5	
MUSCLE SHOALS FAA AP	MAX MIN	86 71	78 53	66 48	72 45	78 45	76 53	76 51	72 65	66 50	70 47	60 43	63 43	64 40	68 37	75 42	63 40	71 35	72 40	70 41	75 38	75 40	78 45	80 48	76 55	68 60	72 57	73 54	75 48	74 55	80 50	72 55	72.4 48.4	
REO BAY	MAX MIN	80 62	84 61	70 46	74 41	76 47	77 52	74 53	72 48		67 42	67 48	60 34	64 35	68 35			69 38	74 42	72 43	73 40	78 44	80 43	80 48	76 58	71 61	69 55	75 49		80 55	74 61	73.1 47.4		
RUSSELLVILLE 2	MAX MIN	80 63	85 63	72 44	64 41	70 37	73 38	72 47	74 51	72 46	61 41	64 41	58 34	56 31	58 28	67 28	70 35	56 27	65 28	69 36	66 32	67 34	76 35	75 36	74 42	71 58	63 56	68 48	67 41	69 50	72 43	75 44	68.7 41.2	
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW	MAX MIN	88 72	78 53	69 45	75 42	72 42	78 53	78 54	72 60	72 44	72 49	73 50	62 41	61 39	67 38	75 40	63 38	68 38	76 36	75 38	73 45	77 44	78 52	78 60	70 55	71 54	72 48	76 50	78 54	79 56	74 54	73.5 48.1		
BIRMINGHAM WSO AP	MAX MIN	87 74	80 54	66 48	70 43	74 48	74 51	75 56	69 65	69 48	66 48	70 53	58 40	58 36	63 36	72 42	59 39	63 36	73 40	67 43	73 42	70 43	67 42	74 45	75 61	68 62	67 56	74 54	74 54	74 56	68 57	70.0 49.8		
GUNTERSVILLE	MAX MIN	82 64	86 66	67 50	66 46	71 46	76 49	84 48	80 49	75 52	64 46	69 50	71 58	58 35	59 32	69 37	72 43	59 40	69 43	69 42	69 40	73 43	75 44	75 47	74 37	73 43	65 52	70 54	68 52	76 54	71 55	74 52	71.3 46.3	
ONEONTA	MAX MIN	75 62	85 64	73 47	64 40	72 41	73 43	76 45	77 50	67 58	66 43	68 46	71 46	60 36	58 32	64 34	74 38	60 32	64 34	75 39	71 36	70 35	75 38	75 42	75 46	77 56	67 56	65 54	68 52	73 52	71 52	70 54	70.3 45.3	
SAINT BERNARD	MAX MIN	78 60	86 69	73 46	66 40	72 41	75 44	75 46	75 47	68 52	65 42	65 45	67 40	58 37	59 32	64 34	67 35	69 37	58 30	64 37	69 30	73 37	69 35	65 36	75 40	69 42	72 44	72 53	66 53	68 53	75 51	75 49	69.5 43.5	
SAND MT SUBSTA AU	MAX MIN	84 60	84 60	72 46	64 39	71 42	72 45	72 46	71 52	65 49	64 46	65 50	69 52	56 43	57 44	61 42	72 36	56 30	62 36	71 36	66 30	69 36	73 36	69 37	70 40	75 55	77 55	73 56	73 56	70 53	76 51	62 54	64 53	68.5 45.6
SCOTTSBORO	MAX MIN	77 60	85 68	75 46	68 39	73 42	74 45	75 46	78 52	67 49	66 46	65 50	71 52	59 41	60 42	65 42	71 36	59 30	66 36	73 36	69 30	70 36	73 34	69 37	70 40	75 55	77 55	73 56	73 56	70 48	77 49	69 53	71.1 43.1	
VALLEY HEAD	MAX MIN	73 60	86 60	72 41	60 35	69 37	72 38	75 43	72 44	65 53	68 37	60 41	70 40	57 28	55 29	60 29	72 32	56 28	61 28	72 33	66 33	68 31	73 36	73 37	72 39	73 49	63 57	68 49	70 50	76 46	75 47	67 55	68.4 40.8	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	90 67	90 75	76 49	70 42	73 42	78 48	78 52	78 55	72 52	68 46	70 46	70 44	61 35	63 33	68 34	71 39	64 32	69 33	79 38	75 40	72 39	75 39	76 44	78 50	80 57	70 56	71 51	67 48	74 48	74 54	79 55	73.5 46.5	
BANKHEAD LOCK AND DAM	MAX MIN	85 63	86 63	70 50	66 47	72 45	70 45	75 53	77 54	68 49	66 49	67 52	68 48	58 40	58 36	63 39	70 41	59 36	66 35	72 41	71 36	69 43	73 43	75 45	73 48	75 52	60 60	65 55	68 52	72 53	76 53	73 53	70.2 48.5	
CENTREVILLE WSWO	MAX MIN	85 67	88 75	76 48	67 45	72 45	74 48	77 53	76 53	71 56	67 44	72 45	73 47	61 38	61 34	66 35	75 39	63 34	68 34	75 41	74 42	72 44	75 45	76 46	77 57	72 57	70 53	70 52	75 53	79 58	79 58	72.9 48.2		
CLANTON	MAX MIN	85 66	88 74	80 49	71 41	74 43	75 46	80 50	79 52	71 60	70 43	74 46	74 48	65 28	63 33	67 35	76 38	64 32	68 35	75 37	76 37	73 38	76 38	76 40	76 48	77 58	72 58	73 43	72 51	78 53	77 55	78 55	74.3 46.6	
DOUBLE SPRINGS	MAX MIN	79 65	85 64	65 45	65 41	70 41	75 45	74 49	73 50	68 49	65 43	62 45	65 33	57 35	59 32	65 33	72 35	66 32	68 35	74 40	67 39	70 41	74 44	75 42	73 41	76 48	75 42	70 48	71 48	72 51	73 52	78 50	70.4 44.1	
FAYETTE	MAX MIN	80 64	90 65	70 47	69 40	75 45	77 49	72 49	76 50	71 52	65 49	68 47	63 34	64 35	62 35		77 40	64 32	70 38	78 38	79 38	73 37	77 38	78 39	80 41	79 62	68 53	70 49	72 48	75 53	80 50	82 53	73.5 45.6	
HALEYVILLE 3 NE	MAX MIN	84 68	83 56	64 43	69 40	73 41	73 47	72 47	68 58	68 45	63 41	62 46	56 36	58 32	63 30	70 39	67 35	64 30	70 41	68 40	67 37	70 41		73 42	73 51	69 56	68 54	68 50	69 48	73 53	75 49	79 55	69.3 45.0	
HAMILTON 3 S	MAX MIN	85 65	88 70	71 43	68 36	73 36	76 39	78 45	74 48	69 45	67 41	62 43	62 35	59 30	62 29	67 29	73 43	61 28	68 35	74 35	72 33	70 33	74 35	78 46	79 51	76 54	69 50	70 54	71 44	75 44	79 45	80 50	72.2 41.1	
JASPER 4 N	MAX MIN	84 62	84 65	68 46	67 40	72 40	72 42	76 44	76 49	68 51	67 43	66 45	66 40	66 33	60 30	66 33	72 37	61 29	67 33	75 34	72 35	72 38	74 38	75 44	76 51	77 53	67 53	69 51	68 52	72 49	77 51	76 56	71.2 44.1	
PRATTVILLE	MAX MIN																																	
THORSBY EXP STATION	MAX MIN	87 63	81 67	71 49	75 44	75 47	80 54	78 53	78 65	75 63	75 46	75 55	69 48	62 37	68 36	75 39	70 41	70 35	71 41	71 44	70 42	73 42	72 42	72 50	75 56	7								

# DAILY TEMPERATURES

ALABAMA  
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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EASTERN VALLEY 04																																	
ANNISTON FAR AP	MAX MIN	91 71	80 56	68 48	73 42	78 45	76 48	79 52	68 61	69 50	71 46	74 55	60 44	59 38	63 36	75 37	60 38	66 33	75 35	74 43	72 38	78 43	75 42	75 48	74 55	68 61	70 56	72 55	78 53	72 53	67 59	64 54	71.7 48.2
CALERA 2 SW	MAX MIN	90 72	89 66	47	75 38	75 42	78 46	78 50	78 63	77 56	75 45	73 41	70 40	77 34	73 30	72 33	72 32	72 29	77 33	77 39	77 34	77 36	77 37	77 40	78 47	79 62	79 54	79 42	79 48	79 55	72 59	77 55	76.9 45.3
CENTRE 4 SW	MAX MIN	79 56	86 76	76 47	67 39	69 43	74 45	76 48	77 51	67 55	65 43	64 46	70 46	60 37	59 34	63 34	71 40	60 31	63 35	75 40	69 35	67 39	72 38	72 41	73 51	74 57	65 56	71 51	75 50	76 51	73 50	67 50	70.2 44.8
CHILDOERSBURG WTR PLANT	MAX MIN	90 61	89 61	70 49	73 40	77 40	77 48	78 49	77 49	78 49	72 46	75 48	72 48	61 36	65 33	76 42	67 42	76 31	76 35	76 40	72 36	77 39	77 45	77 52	77 52	70 62	76 55	71 51	77 48	78 55	75 55	70 55	74.9 46.1
GROSOEN STEAM PLANT	MAX MIN	74 59	87 72	72 50	66 42	71 43	75 47	75 48	76 50	66 59	64 44	64 49	72 46	59 37	59 38	63 39	70 43	59 35	66 37	75 42	68 39	69 41	74 40	73 43	75 51	74 52	62 55	69 56	69 54	76 56	71 56	64 56	69.6 47.8
TALLADEGA	MAX MIN	73 52	84 63	70 53	69 43	75 41	73 38	76 48	70 48	70 60	68 48	68 46	67 49	65 35	65 33	65 40	62 40	74 33	74 33	72 33	72 34	75 37	75 39	75 45	75 54	71 59	67 59	69 48	70 59	70 58	70 54	69 50	70.9 46.2
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	80 60	89 69	80 48	75 40	79 45	80 48	80 52	75 55	73 55	75 45	73 50	67 40	63 36	68 39	77 44	65 35	69 36	78 40	75 40	76 43	78 43	78 46	79 49	77 56	71 55	70 52	72 53	78 54	77 58	71 56	75.0 48.0	
ASHLAND 2 SSE	MAX MIN	72 59	85 68	76 53	66 46	69 42	73 43	75 45	74 52	69 59	64 46	68 42	70 51	59 42	56 37	61 38	73 38	58 42	62 31	73 37	69 40	70 43	73 43	72 40	72 52	66 59	66 56	70 53	76 54	73 55	63 56	69.2 47.4	
AUBURN AGRONOMY FARM	MAX MIN	80 67	84 74	80 48	71 45	73 49	74 51	78 56	77 58	71 62	73 46	74 51	72 51	65 38	62 36	64 40	72 41	61 36	65 35	72 44	74 43	72 47	72 41	75 43	73 51	70 57	72 54	75 53	75 56	75 61	69 56	72.4 49.5	
HEFLIN	MAX MIN	73 45	84 74	84 48	65 37	72 50	72 40	75 44	72 47	77 57	65 42	71 45	70 45	60 38	60 32	62 32	70 33	60 29	64 32	71 40	70 32	71 38	75 35	75 37	75 43	73 73	68 60	70 59	73 50	77 50	72 53	64 54	70.6 42.8
LAFAYETTE	MAX MIN	88 67	84 70	74 47	74 41	77 45	79 47	79 51	74 57	74 57	73 41	71 52	67 48	63 35	62 31	75 34	75 40	65 31	77 37	75 45	74 36	76 43	78 45	76 46	78 55	70 60	73 55	77 59	78 50	77 53	72 57	67 52	74.2 47.5
MARTIN DAM	MAX MIN	88 74	82 52	69 50	72 45	75 50	77 58	80 58	73 64	72 52	72 54	70 52	64 43	60 39	65 37	74 45	62 36	65 35	74 43	74 42	69 44	75 44	76 49	76 56	78 58	71 58	70 56	71 56	75 60	77 60	74 55	72 52	72.6 50.9
OPELIKA	MAX MIN	75 67	86 72	81 50	69 45	73 45	74 44	79 50	78 56	72 60	74 47	74 48	72 45	65 40	62 36	66 36	74 40	62 35	66 31	72 35	75 40	72 42	74 44	76 47	74 55	64 55	70 52	76 54	76 50	73 52	77 56	72.8 47.4	
ROCKFORD 2 NW	MAX MIN	83 58	87 70	79 41	70 40	73 42	73 46	78 46	77 52	70 57	70 39	73 43	72 47	63 35	61 32	74 35	62 32	67 32	73 40	73 40	73 42	75 42	76 42	75 42	75 42	77 53	71 54	70 49	77 52	77 52	73 57	74 55	73.0 45.9
ROCK MILLS	MAX MIN	76 61	87 70	79 46	70 43	74 41	77 42	79 47	77 56	70 60	72 42	72 49	70 47	66 40	63 33	66 33	76 36	63 30	67 31	75 37	74 35	74 36	75 36	75 37	76 46	75 53	68 56	72 53	77 52	79 50	73 56	63 53	72.9 45.4
PRAIRIE 06																																	
DAYTON 1 N	MAX MIN	90 73	92 71	78 49	71 44	74 46	78 55	81 54	79 54	74 58	71 42	75 46	70 48	65 37	64 34	76 37	78 41	70 33	70 40	79 45	79 41	73 42	76 45	78 54	77 59	76 63	75 58	73 51	67 52	74 53	79 55	81 58	75.6 49.6
DEMOPOLIS LOCK AND DAM	MAX MIN	88 68	90 72	78 48	69 43	74 39	75 45	79 52	78 52	74 57	68 43	73 43	72 46	62 33	62 33	67 32	77 34	63 30	70 30	77 37	76 39	71 36	76 39	77 51	76 50	72 56	72 54	73 49	67 48	71 53	78 53	73.8 45.5	
GAINESVILLE	MAX MIN	90 69	89 75	77 51	71 45	74 46	78 50	79 54	77 54	72 55	69 45	72 46	73 46	62 38	63 37	69 38	77 42	65 35	70 36	79 42	76 40	71 45	78 49	78 52	78 52	72 57	73 57	73 53	75 51	77 51	80 54	75 57	74.4 48.5
GREENSBORO	MAX MIN	90 74	81 65	72 49	76 41	80 48	81 55	79 54	71 49	68 44	72 57	74 55	63 49	64 37	70 34	77 39	66 43	71 33	78 39	78 44	73 43	78 44	79 47	79 53	76 58	73 63	73 59	76 54	71 51	80 57	80 58	75 58	74.7 50.2
HAYNEVILLE	MAX MIN	89 70	89 70	80 52	79 48	78 49	80 50	85 50	81 49	79 48	75 45	79 46	75 48	63 42	62 38	75 34	76 36	76 33	79 34	76 37	77 40	80 43	78 45	79 55	78 59	75 60	75 57	74 57	77 57	75 58	75 57	78.1 49.5	
LIVINGSTON 2 SW	MAX MIN	91 70	85 70	84 50	82 43	80 44	79 50	78 55	77 55	75 64	69 42	74 45	75 46	64 37	62 33	78 38	73 40	67 30	75 32	77 40	75 38	74 39	76 44	78 50	78 53	78 51	74 51	68 51	76 49	82 53	80 55	74 55	75.1 45.9
MARION JUNCTION 2 NE	MAX MIN	88 67	91 74	78 48	69 40	74 41	77 44	80 52	79 52	73 56	70 40	73 42	73 49	63 37	62 33	67 33	78 36	64 33	67 33	76 36	77 40	73 39	77 41	77 54	76 58	74 57	71 48	71 48	65 48	80 52	78 55	74.2 46.3	
MINTER 3 NW	MAX MIN	91 75	92 61	80 53	70 48	74 44	79 53	80 55	82 55	79 64	73 48	75 48	72 51	65 39	63 33	68 36	78 40	65 33	68 37	77 40	79 43	73 45	76 48	78 54	77 57	75 61	77 54	73 54	75 54	67 53	71 54	77 56	75.1 49.4
MONTGOMERY WSO AP	MAX MIN	91 75	84 61	73 53	75 48	76 50	80 55	80 57	78 64	75 54	75 48	73 49	67 46	66 42	70 40	79 38	67 44	69 38	76 39	78 50	73 45	77 45	78 45	78 53	77 60	77 65	75 58	73 54	78 54	76 61	74 62	75.7 52.2	
SELMA	MAX MIN	92 75	85 60	71 50	75 43	78 47	81 54	81 55	71 61	68 66	73 46	73 52	65 51	63 36	68 36	79 39	75 45	70 34	70 41	79 46	78 44	78 44	76 47	76 51	75 60	75 63	70 60	73 53	78 54	80 61	77 65	74 57	76.3 51.5
UNION SPRINGS 4 S	MAX MIN	83 67	87 67	73 50	70 43	73 43	76 48	73 53	81 53	77 63	75 43	73 44	72 53	65 38	65 38	67 38	73 45	62 36	64 36	73 36	75 40	71 42											



# DAILY TEMPERATURES

ALABAMA  
OCTOBER 1977

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
BREXTON 3 SSE	MAX MIN	88 69	87 73	78 52	75 39	78 41	82 52	82 47	87 57	81 65	76 39	70 57	66 52	64 35	68 31	77 32	73 43	70 30	73 32	81 47	77 38	77 38	81 39	76 46	74 55	76 64	77 64	73 47	76 48	80 55	80 60	76 56	76.7 48.5	
CAMDEN 3 NW	MAX MIN	89 66	90 68	80 46	71 39	74 39	78 44	80 49	80 56	80 52	72 40	74 46	70 46	64 35	64 30	68 30	78 38	65 35	69 34	75 40	80 44	71 44	78 46	80 47	78 47	75 59	76 60	74 51	68 52	76 53	80 57	76 56	75.3 46.8	
CHATOM 4 N	MAX MIN	93 73	92 72	85 50	74 44	75 49	80 59	81 53	82 64	81 60	80 44	76 59	68 50	64 32	69 32	78 42	73 42	71 36	78 42	81 45	80 51	77 44	80 47	77 54	72 59	76 64	77 56	76 50	75 50	80 55	81 55	76 59	77.7 51.4	
CLAYTON	MAX MIN	81 67	85 74	83 50	70 45	72 45	74 45	78 44	79 54	79 62	75 45	71 46	72 52	64 38	60 36	64 39	74 45	73 36	64 37	72 47	76 45	70 48	73 50	78 51	73 56	71 56	71 56	72 56	74 51	76 52	77 53	73.4 49.4		
ENTERPRISE 5 NNW	MAX MIN													66 38	63 37	66 39	75 45	67 37	69 41	75 45	79 47	72 48	75 49	78 53	76 54	71 59	72 58	75 51	72 51	79 54	76 60	78 57		
EUFULA WILDLIFE REF	MAX MIN	88 67	85 73	82 52	75 39	79 41	82 52	82 44	81 54	80 54	80 38	80 38	72 50	67 38	68 36	68 35	75 42	68 41	72 34	79 41	79 36	78 36	79 37	79 42	80 49	78 52	77 61	78 54	74 51	80 53	77 53	75 54	77.3 45.0	
EVERGREEN	MAX MIN	90 71	90 71	85 51	72 43	76 47	79 53	81 55	82 58	81 65	76 46	77 49	69 52	67 35	65 35	68 36	78 43	69 33	70 36	77 39	81 42	75 40	77 43	80 52	76 55	79 60	77 60	82 51	74 52	78 53	80 58	78 57	77.1 49.7	
FRISCO CITY	MAX MIN	87 70	88 72	88 51	69 44	76 49	77 53	79 56	79 61	82 64	79 45	78 48	75 45	70 37	66 37	70 40	76 41	61 37	66 40	73 42	79 46	73 49	76 50	73 52	79 54	73 56	70 56	75 52	71 52	75 55	79 58	77 58	75.5 50.8	
GENEVA 2	MAX MIN	89 69	90 70	80 51	77 46	80 47	82 52	85 54	87 57	86 70	83 44	77 44	70 57	65 35	65 35	68 35	75 37	69 34	70 35	76 35	81 44	77 42	77 43	80 50	76 52	73 51	73 59	78 52	74 51	78 51	80 60	80 58	77.5 48.9	
GILBERTOWN	MAX MIN	92 72	90 65	71 50	75 39	79 43	82 57	80 49	81 64	79 58	74 39	70 50	65 49	64 33	71 32	67 40	71 30	77 33	81 46	72 37	77 37	79 46	76 47	72 53	75 64	76 55	75 48						75.6 46.7	
GREENVILLE	MAX MIN	90 71	89 72	77 50	70 42	75 43	78 45	80 52	81 54	88 65	73 42	75 44	70 52	64 38	62 33	66 34	77 35	64 32	68 33	75 36	76 37	78 38	75 38	70 49	76 48	74 59	75 50	73 51	70 51	76 52	77 56	76 56	74.8 47.3	
HEADLAND	MAX MIN	81 70	90 71	80 53	72 45	75 46	78 50	80 54	81 57	83 61	70 44	68 47	64 57	57 37	55 30	67 38	74 45	67 33	67 39	75 42	78 44	72 44	76 46	78 50	77 51	72 60	72 60	71 53	74 51	70 53	77 58	79 55	73.5 49.8	
HIGHLAND HOME	MAX MIN	88 69	89 72	80 50	71 42	75 44	78 49	80 54	80 53	79 63	74 44	76 44	70 52	65 39	62 34	67 34	77 43	65 37	68 37	75 40	79 45	74 44	77 48	79 49	76 54	73 57	73 50	70 50	79 50	80 52	77 58	78 54	75.2 49.0	
OZARK 6 NNW	MAX MIN	86 72	87 75	82 52	75 45	77 46	81 50	80 56	80 60	78 67	75 45	70 57	68 54	65 40	67 39	75 38	68 46	69 40	74 45	79 45	74 48	75 48	78 52	73 53	79 58	71 63	75 54	74 53	78 58	77 60	78 64	73 56	75.4 53.4	
PITTSVIEW	MAX MIN	80 64	88 72	83 49	72 37	75 39	76 39	80 45	80 46	78 64	79 37	75 37	73 52	73 33	65 29	67 29	75 34	62 27	68 28	75 37	78 32	73 35	76 35	78 39	75 51	78 52	71 57	75 47	77 48	75 47	78 52	73 49	75.2 43.3	
THOMASVILLE	MAX MIN	90 65	92 72	79 47	73 42	77 45	81 47	83 51	80 51	78 58	75 41	76 41	69 48	65 35	65 34	70 34	79 38	60 32	72 32	77 37	82 43	75 43	79 44	81 46	77 56	72 58	76 60	75 52	73 52	77 52	82 57	79 57	76.7 47.4	
TROY	MAX MIN	86 71	81 75	76 51	75 45	78 53	81 54	80 55	78 62	76 66	75 45	71 59	66 52	62 37	66 37	77 41	66 45	67 38	76 42	79 49	73 45	77 47	79 54	76 53	74 59	71 63	73 57	70 52	79 53	80 58	78 61	72 57	74.8 52.8	
WHATLEY	MAX MIN	95 68	93 65	79 47	76 39	80 39	80 46	80 47	83 49	79 55	83 38	69 41	75 41	74 30	69 29	69 30	73 31	70 26	80 30	85 32	85 37	79 42	81 45	80 46	83 46	85 48	84 48	79 48	79 49	80 49	78 47	80 47	79.5 42.9	
GULF 08																																		
BAY MINETTE 3 NNW	MAX MIN	90 74	86 73	78 47	76 43	78 51	81 58	82 58	85 66	78 68	78 45	77 58	66 49	65 35	69 37	77 43	76 43	72 37	75 43	82 56	80 51	78 47	81 51	79 56	72 62	80 66	79 60	75 51	75 52	79 57	81 60	78 60	77.7 53.5	
COOEN	MAX MIN	89 73	90 74	78 55	73 49	77 51	81 59	80 57	86 67	78 68	73 48	67 61	65 53	64 39	66 38	72 41	69 48	67 38	72 42	78 58	72 51	76 49	78 52	74 59	71 63	77 67	74 60	75 52	79 52	78 59	75 57	75 65	75.2 55.0	
DAUPHIN ISLAND 2	MAX MIN	90 76	89 77	89 62	72 49	72 50	77 57	79 69	82 71	84 71	75 62	74 57	69 57	67 48	65 48	66 48	72 41	72 38	66 42	72 60	70 60	72 60	75 66	77 74	74 66	77 68	76 59	74 62	76 63	76 67	77 69	75.2 71.7		
FAIRHOPE 2 NE	MAX MIN																																	
MOBILE WSO AP	MAX MIN	89 76	87 63	72 54	74 49	78 52	81 61	81 58	83 69	76 54	76 48	65 58	66 45	65 41	70 40	76 43	70 46	70 41	76 45	81 56	72 52	77 49	80 51	75 60	71 63	80 65	79 60	75 52	75 54	78 59	79 59	76 62	75.9 54.4	
ROBERTSOALE	MAX MIN	90 74	88 74	88 57	74 48	78 47	80 52	83 56	82 56	85 67	77 48	77 54	64 54	67 42	65 39	70 39	75 41	70 39	72 39	73 50	81 46	76 46	79 46	80 50	76 57	72 63	76 61	79 53	76 54	75 55	82 60	81 63	77.1 52.8	

## 1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN ACRONOMY FARM	(IN)																																	
	2	MAX	83	85	81	77	80	79	85	84	73	81	79	72	72	70	71	74	69	70	73	75	76	76	81	75	76	67	72	75	76	75	71	75.9
	MIN	69	73	58	55	53	57	60	61	66	66	54	55	59	48	46	49	51	46	50	51	52	50	52	55	56	60	62	58	57	60	62	59	56.3
	4	MAX	79	83	80	75	78	77	80	79	71	77	75	71	72	68	68	69	66	68	70	71	72	73	75	72	72	68	72	72	71	69	73.1	
	MIN	69	73	61	60	58	61	63	63	66	57	57	63	54	53	51	51	49	51	50	56	55	53	56	58	60	64	62	56	60	62	59	58.4	
	8	MAX	78	81	80	73	73	71	75	75	70	74	71	69	67	64	64	65	64	63	65	67	67	68	70	68	69	67	68	68	69	68	67	69.6
MIN	72	75	68	62	61	63	65	65	68	61	61	61	64	56	54	54	55	53	52	54	57	57	57	59	61	62	65	62	61	61	63	61	60.5	
BREWTON 3 ENE	(IN)																																	
	4	MAX	90	89	85	84	85	83	87	85	88	81	83	68	73	74	75	79	77	76	76	82	76	80	81	75	73	75	73	75	78	79	79.3	
	MIN	76	76	67	61	63	63	65	65	70	60	60	61	53	52	52	53	53	53	53	54	58	57	57	58	62	65	66	60	60	64	65	60.9	
HEADLAND	(IN)																																	
	4	MAX	80	83	84	76	78	78	78	79	77	79	74	69	66	67	66	69	68	66	67	69	67	67	68	69	69	69	70	68	69	70	71.9	
	MIN	75	76	71	65	66	64	66	66	70	63	62	66	57	55	55	56	55	50	56	57	57	58	58	60	64	65	65	61	57	50	63	61.5	
MARION JCT 2NE	(IN)																																	
	4	MAX	83	85	80	77	76	75	78	76	72	76	74	73	71	68	68	69	67	67	68	69	69	70	70	70	69	69	69	67	71	72	72.3	
	MIN	75	79	72	67	67	67	68	68	71	67	65	67	62	60	59	59	59	58	58	61	60	60	61	63	65	67	65	64	63	66	67	64.8	
PITTSVIEW	(IN)																																	
	4	MAX	80	84	81	78	77	75	79	78	73	80	75	73	74	72	73	74	74	73	74	75	73	75	74	69	73	68	74	73	70	71	69	74.5
	MIN	72	75	68	62	62	62	64	64	70	61	61	61	66	58	56	55	56	56	54	55	58	57	59	59	61	63	67	62	62	62	62	61.6	
THORSBY EXP STATION	(IN)																																	
	4	MAX	82	80	78	76	76	80	77	76	76	74	74	73	69	70	70	70	71	74	75	75	76	78	76	75	72	71	69	74	74	77	74.6	
	MIN	77	78	65	61	63	65	66	70	68	62	66	62	57	56	59	58	56	58	60	60	58	59	61	63	64	67	65	62	61	66	71	64	63.5
WINFIELD 2 SW	(IN)																																	
	4	MAX	80	80	75	74	73	74	76	73	67	73	66	65	66	66	67	65	67	69	71	72	70	72	73	71	69	66	68	70	70	74	70.7	
	MIN	70	75	61	58	60	62	64	67	64	60	60	56	51	51	53	52	50	54	55	55	55	56	59	61	65	62	60	60	64	59	58	59.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
OCTOBER 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.13	.16	.17	.14	.12	.11	.12	-	.22	.06	.04	.19	.14	.12	.12	.17	.10	.14	.17	.12	.12	.11	.10	.16	-	.09	.06	.07	.07	.08	.19	3.848
		WIND	112	97	117	35	22	39	57	79	94	39	52	113	94	49	42	131	31	67	52	36	27	30	40	99	137	71	84	69	30	66	137	2148
		MAX	85	82	70	65	82	75	73	69	70	68	64	63	63	66	68	63	67	70	69	71	74	75	71	69	67	71	66	75	70	70	66	70.2
		MIN	68	61	47	45	50	55	52	60	54	48	50	48	38	39	43	43	39	44	45	43	47	48	50	56	59	58	56	55	57	55	55	50.6
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.12	-	.11	.16	.12	.14	.13	-	-	-	.03	.05	.15	.12	.15	.11	.11	.15	.15	.14	.07	.16	.14	.05	-	-	.08	.08	.05	.05	.17	3.468
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	-	.12	.10	.20	.13	.12	.19	.16	.07	.23	.16	.08	.23	.14	.16	.14	.19	.12	.15	.20	.13	.15	.15	.14	.15	.05	.12	.13	.09	.06	.11	4.318
		WIND	37	64	58	59	18	9	36	28	52	57	32	41	83	44	31	27	71	21	40	42	18	26	28	54	82	46	52	53	22	12	63	1306
		MAX	80	88	82	75	77	76	82	79	69	80	77	71	69	66	67	70	66	69	72	73	73	74	77	72	73	67	73	75	76	73	70	73.9
		MIN	67	73	54	46	47	52	55	56	61	49	49	52	38	39	44	44	42	42	44	47	47	47	51	53	56	60	54	54	56	61	54	51.4
MARTIN DAM		EVAP	.06	.16	.19	.16	.14	.10	.11	.00	.35	.11	.14	.17	.14	.18	.12	.15	.11	.14	.09	.12	.10	.10	.10	.12	.13	.09	.07	.07	.06	.12	.12	3.82
		WIND	40	88	103	23	22	39	28	32	95	23	79	117	85	32	32	39	18	26	29	18	20	25	29	36	30	37	56	27	17	26	33	1304
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.18	.15	.19	.14	.10	.25	.14	.13	.01	.22	.22	.07	.29	.06	.12	.10	.15	.11	.12	.08	.22	.08	.08	.05	-	-	.14	.06	.12	.10	.07	4.018
		WIND	40	59	88	73	18	14	18	31	49	72	15	91	114	66	22	63	68	10	40	36	14	16	27	42	98	41	62	55	23	7	39	1411
		MAX	90	92	77	77	80	79	86	80	72	72	79	73	69	68	72	74	69	74	77	78	75	80	79	78	74	74	74	69	75	81	82	76.7
		MIN	69	75	54	50	49	55	60	59	65	52	51	52	39	39	43	47	42	41	41	50	39	48	56	51	60	51	54	54	60	61	61	52.3
COASTAL PLAIN 07																																		
HEADLAND		EVAP	-	.08	.26	.15	.09	.13	.13	.12	.09	.12	.14	.06	.16	.13	.10	.13	.17	.13	.37	.44	-	-	.09	.10	.01	.10	.13	.11	.07	.05	.10	4.168
		WIND	81	90	91	74	76	79	80	82	81	84	77	83	67	67	67	72	70	68	73	77	73	73	73	68	70	76	73	74	73	75	75.5	
		MAX	70	72	54	47	47	52	56	64	79	48	48	48	39	38	38	43	38	38	42	45	44	49	52	52	59	62	55	54	60	58	58	51.8
		MIN	70	72	54	47	47	52	56	64	79	48	48	48	39	38	38	43	38	38	42	45	44	49	52	52	59	62	55	54	60	58	58	51.8

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER COOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIOENEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O. DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	BA	BA		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	MIO	MIO		H	FED. AVIATION AGENCY
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. OORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATH
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	BA	BA	BA	GH	NATIONAL WEATHER SERV
AUTAUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MIO	MIO		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MIO	MIO		C HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L. WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	BA	BA		H	R. E. HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBA	6	31 04	87 03	85	6P	7A		H	MRS. CLARA T. PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R. WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L. HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W. EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	595	BA	BA		H	MRS ELIZABETH M WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F. KELLEY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	OE KAL8	7	34 15	85 53	750		SP			R O HEARD
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S. KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P. HARRIS
ORAEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L. BARTLETT
ORAEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P. PLESS
ORAPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	BA	BA		C H	ORAPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 25	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOU8LE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C. BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	BA	BA			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J. BLACK
FORT PAYNE	3043	02	OE KAL8	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C. FIELOS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		BA			MRS GLAYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T. E. MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G. LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J. ARRINGTON

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L. PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R. PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L. OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N. AVERY
HUNTSVILLE WSO AP	4064	01	MAOISON	12	34 39	86 46	624	M10	M10	M10	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A. BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO.
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W. WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	M155 MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO.
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS. MARY K. LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M. SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B. S. WILLIAMSON, JR.
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B. ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO.
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H. LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S. ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J. YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO.
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	C C MONTGOMERY
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FED. AVIATION AGENCY
NEW MARKET 2	5867	01	MAOISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R. NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H. CARROLI
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-63
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T. POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M. FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS. MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS. EVA R. RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS. ENA C. PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	WRMC RADIO STATION
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C. MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W. MCEWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T. BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	802		M10			ST. BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 11	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J. CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J. F. SUTTLE, JR.
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THOMASVILLE	8178	07	CLARK	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO.
TONEY	8259	01	MAISON	12	34 54	86 44	750					TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J. OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FED. AVIATION AGENCY
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO.
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS. ESSIE M. CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A. MOORE, JR.

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to the Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in  $^{\circ}\text{F}$ , precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from  $65^{\circ}\text{F}$ . In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES.** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	Smithdale fine sandy loam	Bare	0-2%
Headland	Dothan sandy loam	Bare	Unknown
Marion Junction	Sumter Clay	Bare	3-5%
Pittsview	Izagara fine sandy loam	Bare	Unknown
Thornshy Exp. Station	Fine Loamy	Bare	0-2%
Winfield 2 SW	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- And also on an earlier date or dates.
- ++ Highest observed one minute windspeed This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

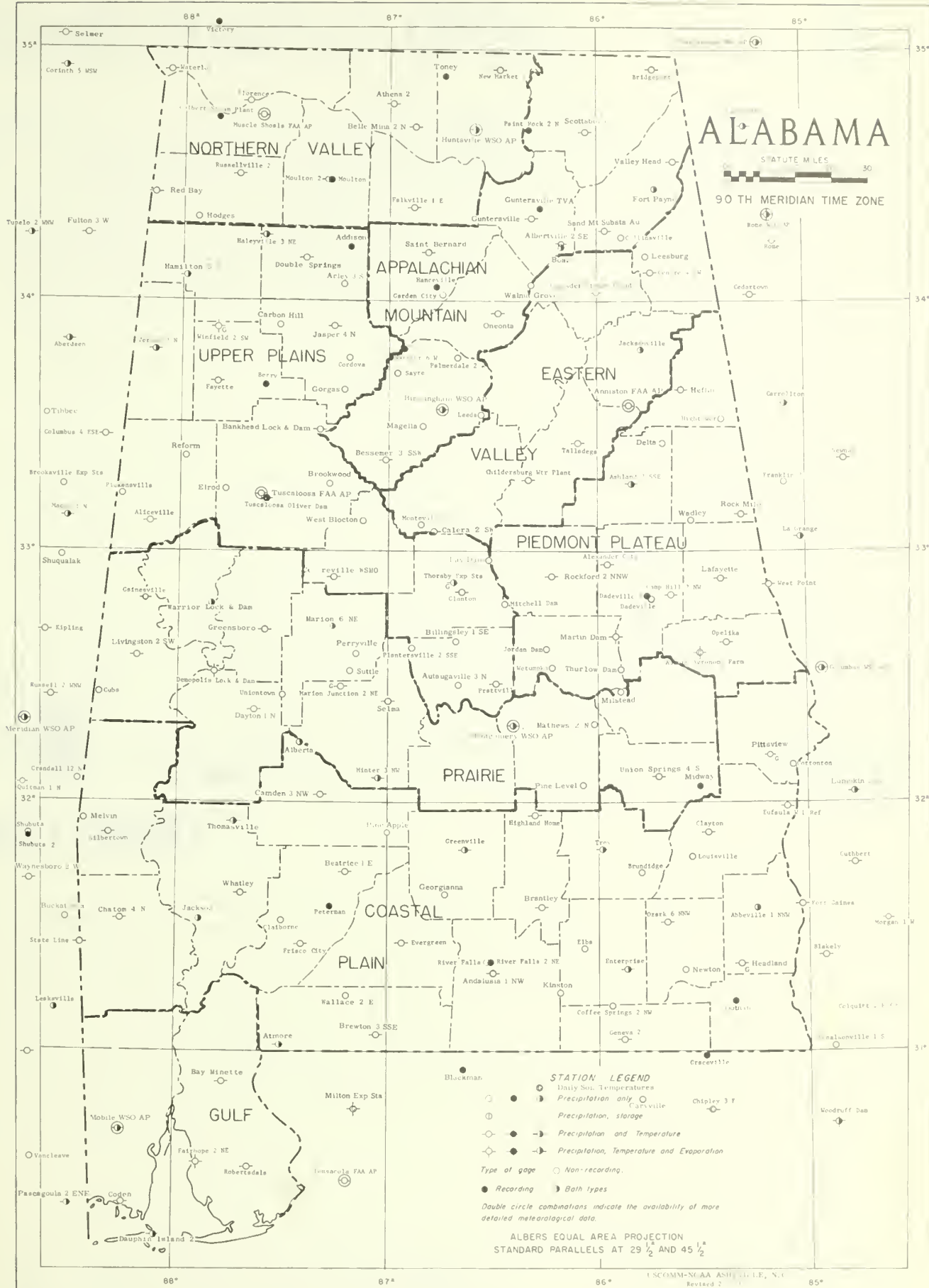
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMHIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: BRANTLEY 81 DATE 09  
 LOWEST TEMPERATURE: 5 STATIONS 19 DATE 27+  
 GREATEST TOTAL PRECIPITATION: HUNTSVILLE WSO AP 11.53  
 LEAST TOTAL PRECIPITATION: WADLEY 2.63  
 GREATEST 1 DAY PRECIPITATION: EUFAULA WILDLIFE REF 4.35 DATE 04

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	13	1.8	7.5	25	W	10	79	82	69	72	5	3	9	2	0	0	19	35	7.3		
HUNTSVILLE WSO AP	12	1.9	9.5	30++	21	30	76	79	64	71	5	1	6	2	2	2	18	-	6.7		
MOBILE WSO AP	12	1.6	8.5	22++	34	10	84	85	64	76	2	3	7	2	1	2	17	-	7.2		
MONTGOMERY WSO AP	14	1.5	7.2	26	NW	09	77	81	61	69	1	6	4	1	1	0	13	39	6.9		

CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
NOVEMBER 1977

STATION		TEMPERATURE										PRECIPITATION															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
											MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-5.0 OR MORE	-1.00 OR MORE			
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW													
NORTHERN VALLEY 01																											
ATHENS 2		62.7M	41.7M	52.2M		74	2	19	26	368	0	0	10	0	10.45		1.85	29		.0	0			11	9	4	
BELLE MINA 2 N		62.2	42.5	52.4		75	2	19	27	374	0	0	8	0	10.58		2.37	4		.0	0			11	8	4	
FALKVILLE 1 E		63.1	42.9	53.0		76	6	23	13	355	0	0	7	0	9.06		2.20	29		.0	0			10	7	3	
HUNTSVILLE WSO AP		61.2	44.2	52.7	2.4	75	5	22	26	367	0	0	6	0	11.53	7.65	2.79	3		.0	0			12	6	4	
MOULTON 2		62.8	45.0	53.9		76	5+	21	26	333	0	0	7	0	9.11		1.73	21		.0	0			13	7	3	
MUSCLE SHOALS FAA AP		63.7	45.5	54.6	4.1	77	9+	23	25	307	0	0	4	0	9.15	5.65	2.99	21		.0	0			11	5	3	
RED BAY		65.4	45.7M	55.6M		77	9			270	0	0	0	0	7.69		2.70	21		.0	0			12	5	3	
RUSSELLVILLE 2		60.6M	39.4M	50.0M		73	6	19	26	443	0	0	8	0	7.65		1.30	21		.0	0			16	6	3	
DIVISION				53.1	2.7										9.40	5.48			.0								
APPALACHIAN MOUNTAINS 02																											
BESSEMER 3 WSW		65.8	42.1	54.0		78	1	25	26	322	0	0	7	0	8.63	4.31	2.50	9		.0	0			10	5	3	
BIRMINGHAM WSO AP		62.7	47.3	55.0	2.9	72	5+	26	26	292	0	0	6	0	4.10	.38	.92	4		.0	0			11	2	0	
GUNTERSVILLE		63.7M	40.3M	52.0M		75	6	22	26	389	0	0	5	0	6.71		2.24	21		.0	0			10	3	2	
ONEONTA		63.1	43.5	53.3	2.9	75	6+	24	26+	345	0	0	9	0	7.16	2.89	1.97	4		.0	0			10	5	2	
SAINT BERNARD		63.0	42.7	52.9	3.4	76	7	22	26	359	0	0	7	0	9.23	4.84	2.02	22		.0	0						
SAND MT SUBSTA AU		59.9	44.0	52.0		72	2	22	26	383	0	0	6	0	6.32		1.78	5		.0	0			9	6	2	
SCOTTSBORO		61.7	42.0	51.9	2.1	73	4	20	27+	387	0	0	8	0	11.43	7.15	2.48	5		.0	0			10	8	5	
VALLEY HEAD		60.5	41.3	50.9	2.8	72	2	19	13	416	0	0	12	0	9.46	5.15	4.06	5		.0	0			11	5	3	
DIVISION				52.8	2.4										7.88	3.71			.0								
UPPER PLAINS 03																											
ALICEVILLE		65.1	45.3	55.2		78	9	28	27+	294	0	0	7	0	6.18	2.47	1.52	22+		.0	0			6	4	4	
BANKHEAD LOCK AND DAM		62.6	46.1	54.4		76	2	27	27	314	0	0	6	0	4.98	.87	1.47	22		.0	0			9	4	1	
CENTREVILLE WSO		65.7	45.5	55.6		75	30+	27	27+	279	0	0	7	0	2.77		1.01	5		.0	0			7	1	1	
CLANTON		66.1	44.5	55.3	3.0	77	17+	25	13	286	0	0	9	0	5.74	1.96	1.75	5		.0	0			9	4	1	
DOUBLE SPRINGS		64.2	43.1	53.7		75	2	22	26	335	0	0	7	0	10.31		2.58	29		.0	0			11	6	4	
FAYETTE		66.1	43.0	54.6	2.9	79	2	26	27+	310	0	0	7	0	6.43	2.42	2.05	22		.0	0			11	5	2	
HALEYVILLE 3 NE		61.8	44.1	53.0	2.6	72	5+	20	26	358	0	0	7	0	10.66	6.40	2.53	21		.0	0			13	6	4	
HAMILTON 3 S		64.4	40.5	52.5		77	6	21	12+	369	0	0	10	0	10.94		2.78	22		.0	0			9	7	3	
JASPER 4 N		63.7	41.5	52.6		74	2	24	27+	365	0	0	11	0	6.74		1.68	22		.0	0			11	5	2	
PRATTVILLE																											
THORSBY EXP STATION		65.2	47.7M	56.5M		75	1			250	0	0	7	0	5.77		1.70	4		.0	0			7	3	3	
TUSCALOOSA FAA AP		62.9	44.6	53.8	1.0	75	8+	25	13	328	0	0	9	0	5.44	1.76	1.58	21		.0	0			7	4	2	
TUSCALOOSA OLIVER DAM		65.7	47.2	56.5		77	2	30	14	262	0	0	4	0	5.35	1.46	1.57	22		.0	0			7	3	3	
VERNON 2 N		65.8M	41.7	53.8M		76	10+	19	13	322	0	0	8	0	9.81		2.85	29		.0	0			8	6	4	
WINFIELD 2 SW		63.8	41.5	52.7		74	10+	23	27+	362	0	0	9	0	10.39	6.22	3.39	29		.0	0			10	6	3	
DIVISION				54.3	2.1										7.25	3.36			.0								
EASTERN VALLEY 04																											
ANNISTON FAA AP		64.8	46.8	55.8		76	5	27	13	274	0	0	8	0	4.56		1.32	4		.0	0			9	3	1	
CALERA 2 SW		62.3	47.7M			77	1	22	13		0	0	0	0			1.60	4		.0	0					1	
CENTRE 4 SW		62.3	43.9	53.1		74	2	25	26	350	0	0	8	0	5.77		2.51	4		.0	0			9	4	1	
CHILDERSBURG WTR PLANT		67.7	46.9	57.3		77	1	27	27+	228	0	0	6	0	4.90	1.36	1.45	4		.0	0			8	5	1	
GASCOEN STEAM PLANT		63.3	44.3M	53.8M	2.9	76	6	24	27	330	0	0	7	0	6.00	2.02	2.15	5		.0	0			7	5	1	
TALLADEGA		66.9	48.0M	57.5M	5.1	74	29	23	13	226	0	0	6	0	4.07	.47	1.46	28		.0	0			4	3	2	
DIVISION				55.5	3.9										5.06	1.38			.0								
PIEDMONT PLATEAU 05																											
ALEXANDER CITY																											
ASHLAND 2 SSE		62.3	45.2	53.8		73	6+	24	28+	332	0	0	6	0	4.64		1.05	23		.0	0			9	4	1	
AUBURN AGRONOMY FARM		65.9	48.0	57.0	2.9	76	29	27	26	239	0	0	5	0	2.87	- 1.02	1.25	4		.0	0			6	2	1	
HEFLIN		62.2	42.5	52.4		75	2	20	13	374	0	0	9	0	7.63		2.30	5		.0	0			8	5	3	
LAFAYETTE		67.5	48.7	58.1		76	24	24	27	216	0	0	7	0	3.34		1.94	4		.0	0			6	1	1	
MARTIN DAM		67.5	48.6M	58.1M		76	1	25	27	210	0	0	6	0	3.27	-.57	1.42	4		.0	0			6	2	1	
OPELIKA		67.0	46.0	56.5		76	29	27	27	253	0	0	9	0	3.58		1.94	4		.0	0			5	2	1	
ROCKFORD 2 NNW		65.2	44.8	55.0		75	30+	25	27	294	0	0	8	0	4.60		1.42	5		.0	0			8	4	2	
ROCK MILLS		65.5	43.0M	54.3M	2.6	76	6	22	27	313	0	0	8	0	4.53	-.53	1.72	4		.0	0			7	3	1	
DIVISION				55.7	2.4										4.31	.44			.0								
PRAIRIE 06																											
DAYTON 1 N		67.4	47.0	57.2		78	8	28	13+	243	0	0	6	0	4.10		.56		.82	22		.0	0		9	4	0
DEMOPOLIS LOCK AND DAM		66.5	42.4	54.5		78	17+	25	12	313	0	0	8	0	5.89	2.61	1.19	22		.0	0			10	5	2	
GAINESVILLE		66.6	46.2	56.4		78	9	30	27+	261	0	0	5	0	6.84	2.99	1.55	3		.0	0			7	5	4	
GREENSBORO		67.8	48.1	58.0	2.6	78	29+	27	13	218	0	0	5	0	4.60	1.22	1.38	4		.0	0			9	3	1	
HAYNEVILLE		71.1M	50.6M	60.9M		76	10			124	0	0	0	0					.0								
LIVINGSTON 2 SW		70.5M	43.8M	57.2M		79	17	27	13+	221	0	0	6	0	8.34	4.53	1.72	3		.0	0			9	7	4	
MARION JUNCTION 2 NE		66.5	44.3	55.4		77	17+	27	27+	289	0	0	8	0	4.82	1.39	1.24	28		.0	0			11	3	1	
MINTER 3 NW		67.0	47.8	57.4		78	9	29	27	237	0	0	4	0	4.77		1.23	5		.0	0			8	5	1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
NOVEMBER 1977

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	DATE	SNOW, SLEET			NO. OF DAYS			
									MAX.		MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
									32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW											
MONTGOMERY WSO AP	R	69.5	51.0	60.3	5.3	78 29	31 27	164	0	0	3	0	2.78	-.65	1.03	4	.0	0		6	2	1		
SELMA		68.9	50.4	59.7	3.5	79 29	30 27	167	0	0	2	0	3.76	-.26	.72	5	.0	0		11	1	0		
UNION SPRINGS 4 S		67.8	46.4	57.1	1.8	78 22	29 28+	235	0	0	7	0	4.19	.91	1.25	5	.0	0		5	4	2		
DIVISION				57.6	2.6								5.01	1.49			.0							
COASTAL PLAIN 07																								
ANDALUSIA 1 NW		67.0	43.2	55.1	-1.5	78 30	25 14+	291	0	0	7	0	4.35	.75	.78	3	.0	0		9	4	0		
ATHORE		70.6	50.9	60.8		78 30+	32 27	148	0	0	1	0	4.67		2.18	5	.0	0		7	2	1		
BEATRICE 1 E		71.9M	50.6M	51.3M		79 8	31 27	136	0	0	1	0	4.85	1.19	1.20	30	.0	0		11	4	1		
BRANTLEY		71.2M	44.7	58.0M		81 9	25 13	206	0	0	7	0	4.46	.95	1.85	5	.0	0		6	3	1		
BREWTON 3 ENE		70.0	47.8	58.9		80 9	27 11	202	0	0	7	0	3.74		.70	3	.0	0		8	4	0		
BREWTON 3 SSE		70.6	47.5	59.1	3.0	80 17	26 14+	187	0	0	5	0	4.96	.84	1.57	5	.0	0		9	4	1		
CADOEN 3 NW		67.9M	47.0	57.5M		78 9+	30 27+	224	0	0	6	0	5.44		1.40	22	.0	0		10	4	1		
CHATON 4 N		71.1	50.2	60.7		79 29	29 11	152	0	0	4	0	4.51		1.38	3	.0	0		7	4	1		
CLAYTON		67.6	47.5	57.6		77 29+	30 27+	217	0	0	4	0	5.70	2.65	1.77	4	.0	0		8	4	2		
ENTERPRISE 5 NNW		68.3	48.5	58.4		79 9	32 27+	201	0	0	3	0	7.36		1.86	5	.0	0		8	6	3		
EUFULA WILDLIFE REF		71.4M	47.1M	59.3M	3.7	80 17	28 27+	159	0	0	0	0	6.61	3.62	4.35	4	.0	0		7	3	1		
EVERGREEN		69.1	47.2	58.2	3.2	79 18	28 27	215	0	0	5	0	3.45	-.67	1.14	6	.0	0		7	3	1		
FRISCO CITY		69.4M	48.1M	58.8M		78 18		194	0	0	0	0	4.28	-.18	1.49	3	.0	0		8	3	1		
GENEVA 2		69.4M	48.4M	58.9M		80 9	29 14+	196	0	0	0	0	5.88		1.38	6	.0	0		6	6	3		
GILBERTOWN									0	0							.0	0						
GREENVILLE		67.5	47.1	57.3	.9	78 18	27 27+	233	0	0	6	0	4.59	.98	1.37	5	.0	0		9	4	2		
HEADLAND		67.4	47.6	57.5		77 9	31 27	230	0	0	5	0	7.18		2.23	4	.0	0		7	6	3		
HIGHLAND HOME		67.9	46.7	57.3	1.3	80 9	28 27+	234	0	0	5	0	4.47	.69	1.61	5	.0	0		8	2	2		
OZARK 6 NNW		69.0	50.9	60.0	2.4	78 8	30 27	166	0	0	2	0	7.01	3.82	1.73	4	.0	0		9	4	4		
PITTSVIEW		68.4	42.1	55.3		77 18+	22 13	289	0	0	8	0	4.75		2.49	4	.0	0		6	3	2		
THOMASVILLE		68.4	46.9	57.7	2.4	79 9+	29 11	226	0	0	6	0	7.15	3.44	1.95	22	.0	0		10	5	2		
TROY		67.9	49.9	58.9	2.4	78 17+	30 27	189	0	0	3	0	5.75	2.28	2.18	5	.0	0		8	3	2		
WHATLEY		72.4	44.2M	58.3M		79 18+	25 13	197	0	0	7	0	7.85	3.83	2.45	22	.0	0		11	6	1		
DIVISION				58.4	2.2								5.41	1.82			.0							
GULF 08																								
BAY MINETTE 3 NNW		71.1	51.4	61.3	2.6	79 17+	32 27	139	0	0	1	0	7.91	3.98	1.89	3	.0	0		11	5	4		
COOEN		69.6M	52.2M	60.9M		76 8	32 11	150	0	0	1	0	9.58		1.60	22	.0	0		11	8	4		
DAUPHIN ISLAND 2		69.2	58.1	63.7		75 9+	44 11	83	0	0	0	0	7.46		1.35	9	.0	0		9	7	2		
FAIRHOPE 2 NE		69.6	52.2	60.9	1.7	78 2	35 27	144	0	0	0	0	6.73	3.25	1.42	3	.0	0		10	5	2		
MOBILE WSO AP		69.0	52.7	60.9	2.4	77 17+	34 11	149	0	0	0	0	9.51	6.12	2.44	22	.0	0		12	5	3		
ROBERTSDALE		70.5	51.3	60.9	2.3	78 18+	32 11	144	0	0	1	0	5.42	1.86	1.07	5	.0	0		9	5	1		
DIVISION				61.4	2.3								7.77	4.10			.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
NOVEMBER 1877

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																	
ATHENS 2	10.46			.77	1.55	1.27	.21		.03									.80			1.75		.80	.11						.65	1.85	.66	
BELLE MINA 2 N	10.58			.66	2.37	1.12	.15		.04	.02		.01						2.13			.82	.77	.13	.01							.57	1.60	.18
FAIRVIEW 1 E	9.06			.51	.90	1.00	.32		.02		.05							.80		.51	1.58	.40								.47	2.20	.03	
HODGES	8.38			.87	.27	.45	.10		.07									2.02			1.52	1.07	.04							.57	1.04	.36	
HUNTSVILLE WSO AP	11.53		T	2.78	.72	.33	.10				T						1.47	.07			.43	1.98	.28	T					.65	2.33	.28	.10	
MOULTON 2	9.11			1.54	.36	.51	.24		.05	T	T						.77	.57			.33	1.73	.35	.06					.36	.88	1.16	.20	
MUSCLE SHOALS FAR AP	9.15		T	1.08	.35	.43	T										.77	.47		T	.21	2.88	.44	.03	T				.38	.83	1.37	.26	
RED BAY	7.69			1.00			.04														.02	2.70							.87	2.00	.35	.71	
RUSSELLVILLE 2	7.65			.50	.62	.32	.31		.10		.05						1.25					1.30	.95	.10	.04	.05				.46	1.23	.37	
* * * APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	8.63			1.53	1.05	.03	.02			2.50							.43	.71			.08	.67	.42	.02					.47	.45	.03	.22	
BIRMINGHAM WSO AP	4.10			.80	.92	.03	.01		.11	.03	.15	T					.28	.23		T	.04	.49	.22	T					.31	.34	.17		
BOND	6.33			.06	1.73	1.08	.06		T	.03		.07					.71				.13	1.09	.46	T		.01				.65	.25	T	
COLLINSVILLE	-			-	-	-	-																										
FORT PAYNE	8.10		T	.80	.20	3.43	.60		.03		.08							.41				.18	.88	.63	.01					.52	.31	.02	
GADSDEN CITY	7.63			.72	1.12	.81				.09									.81		*	*	2.60								.93	.40	.05
GUNTSVILLE	6.71			.08		.20	2.00		.25								.35	.40				2.24								.56	.32	.15	
LEDS	6.30			.36	1.68	1.20	.10		.04	.07		.01		.10			.63				.10	.26	.56							.78	.40	.10	
ONEONTA	7.16			.27	1.97	1.45	.06	T	.07	T		.13					.47				.16	.98	.55	T						.83	.22	T	
PALMERDALE 2 W	6.36			.52	.88	1.50											1.13					.70	.48							1.00	.15		
SAINT BERNARD	9.23			.67	1.25	.55			.18	.04	*	1.43					.78				.55	2.02	.42							.64	.65	.05	
SAND MT SUBSTA AU	6.32			.08	1.20	1.78	.25		.02	.07		.08					.58				.15	.65	.62	.03						.64	.18		
SAYRE	5.98			.21	.99	.83	T		.14								1.00				.20	1.40	.04	T						.87	.30		
SCOTTSDALE	11.43				1.08	2.48	.90		.01			.12					1.71				.33	1.73	.57					T		.81	1.68	T	
VALLEY HEAD	9.46			.20	.40	4.06	.42		.10	.05	.02	.04					1.06				1.4	1.08	.67	.04						.67	.49	.02	
WARRIOR 6 W	7.31			.30	.58	1.18	.14		.02		.02	.08					1.14				.34	2.10	.25							.85	.16	.05	
* * * UPPER PLAINS 03																																	
ALICEVILLE	6.18			1.52	T	1.28	.02		.01		.02						.33				.01	.17	1.52	.03		T				1.27	.02		
ARLEY 3 S	7.83			.20	.74	.75	.06		.33	.02		.05					.92				.64	1.88	.20							.72	1.21	.10	
AUTLAUGAVILLE 3 N	3.80			.37	.17	1.34	.53					.07					.29			.12			.26	.21						.28	.16		
BANKHEAD LOCK AND DAM	4.98			.10	.29	.79	.05		.03	.02	.07						.64				.17	1.47	.27							.83	.09	.15	
BROOKWOOD	5.75			.30	.25	1.52				.10							.40					.10	1.10	.45	.40					.80	.05	.22	
CARBON HILL	7.29			.44		1.34	.10										1.27				.50	1.63	.12	.06						.55	.62	.46	
CENTREVILLE WSMO	2.77			.40	.02	1.01	.10		.01		.03	.01					.01	.03		.08	.02	.19	.08	.15						.46	.06	.10	
CLANTON	5.74			.20	.90	1.75	.65										.32					.25	.42							.05	.40		
CORDOVA 2 ENE	7.80			.30	1.22	.86	.05		.01	.04	.08						1.45					.30	.05	.15						.98	.20	.11	
DOUBLE SPRINGS	10.31			.30	.87	1.45	.22										1.57				2.11	.17		.12						.55	2.58	.37	
ELROD	6.32			.85		1.60											.20				.14	1.68								1.30		.55	
FAYETTE	6.43			.60	.13	.50	.03		.10								1.05				.43	.05	.20							.72	.21	.41	
GORDON	5.70			.25	.77	.82	.03		.10		.04	.16					.49				.24	1.43	.24	.01						.93	.10	.09	
HALEYVILLE 3 NE	10.65			1.35	.46	.21	.24				.06						1.19	.45		.50	2.53	.37	.03	T				.36		.68	1.90	.32	
HAMILTON 3 S	10.94			.83	.31	.75	.01		.09	.01	T						1.99				.71	2.78	.07	.03	.01					.45	2.39	.51	
JASPER 4 N	6.74			.22	.68	.86	.06		.18	.07	.02	.05					T	1.14			.46	1.68	.20	.03						.60	.38	.10	
LAY DAM	5.86			.10	1.30	1.55	.30	.22	.01												.08	.60	.03						.63	.80	.01	.13	
MICHELLE DAM	4.74			.05	.59	1.62	.57			.02											.03	.78	.05					.30		.60		.13	
PICKENSVILLE 2	7.50			1.51	*	*	*	1.34		.03							.31					1.80	.02							.09	.86	1.54	
PLANTERSVILLE 2 SSE	5.76			.55	.80	.97	1.35				.10						.10			.25	.10	.15	.25							.75	.19	.20	
PRATTVILLE	-			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
REFORM 2 E	6.46			.99		1.40	.07		.02	.02	.01							.41				.25	1.83	.03						.48	.14	.81	
THORSTON EXP STATION	5.77			1.44	1.70	.27	.30		.02	.06											.06		.25	.46	.01					1.10	.03	.34	
TUSCALOOSA FAR AP	5.44		T	T	1.50	.05	T		.07											T	.20	1.58	.25				.90			.25	T	.62	
TUSCALOOSA OLIVER DAM	5.35			.27	.02	1.51	.02		.04	.05	.01									.08		.20	1.57	.12						1.15	.05	.26	
VERNON 2 N	9.81			1.14	.02	.33	.02										1.21				.62	2.45								.45	2.05	.72	
WEST BLOCTON	4.65			.30	.15	1.66	.05			.25							.20	.05				.05	.55	.25						1.00	.05	.10	
WINFIELD 2 SW	10.39			.88	.10	.45	.10	.																									

# DAILY PRECIPITATION

ALABAMA  
NOVEMBER 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PERRYVILLE	5.01			.73		.96	.22			.06	.05							T	T		.07	.04	.10	.92	.33					.96	.40	.06
PINE LEVEL	3.95			.37		.16	1.07	.86			.15							.05				.33		.06								
SELMA	3.76			.36		.22	.72	.40		.02	.05	.03						.01	.23	.09		.22	.12	.05	.29	.16	T			.33	.36	.06
SUTTLE	5.17			.95		.86	.42														.28		1.10							1.50		
UNION SPRINGS 4 S	4.19			.35		.75	1.25	1.22		T		.05									.05	.02		.50								
UNIONTOWN	4.31			.36		.90	.40												.26			.20	.12	.42	.16				.64		.31	
WARRIOR LOCK AND DAM	5.26			1.10		1.20	.09		.03		.18		.34					.05	.12		.08	.05	1.09	.25					.56	.02	.44	
X X X COASTAL PLAIN 07																																
ABBEVILLE 1 NNW	8.79			.36		3.95	.70	1.75			.41							.83	.40		.32	.07	.09	1.55	.10				.86	.06	.31	
ANDALUSIA 1 NW	5.96			.39			1.01	1.08			.09																.20					
ANDALUSIA 1 NW	4.35			.78		.17	.61	.73		.02	.02	.38						.30	.03		.02	.02		.77	.30							
ATHENS	4.67			.95		.03	2.18	.24			.35	.10						.36				.06	.02	.33						T	.05	
BEATRICE 1 E	4.85			.93		.10	.79	.28			.10											.35	.50	.30					1.0	.20	1.20	
BRANTLEY	4.46			.78		.34	1.85	.96											.12	T		.05	.03	.27	.06							
BREWTON 3 ENE	3.74			.70		.02	.69	.63		.26	.22							.07	.13		.04	.03	T	.51	.01							.43
BREWTON 3 SSE	4.96			.56		.05	1.57	.47		.37								.10	.05	.21			T	.60	.10							.66
BRUNSDICE	5.26			1.17		.68	1.33	1.36		T		.11							.20	.11	.03	T	.03	.24	T							
CAMDEN 3 NW	5.44			.75		.01	.83	.95		.01	.04	.08						.01	.01	.15	.14	.03	1.40	.33					.25	.16	.24	
CHATHAM 4 N	4.51			.03	1.38	.05	.91			.17								T			.10	.01	.45	.82	.09				.50			
CLAYBORNE	5.33			1.24		.19	.88			.23	.09							.07			.26	.02	1.33	.42					.06	.29	.25	
CLAYTON	5.70			.35		1.77	.90	1.46		.01	.11							.18	.20		.03		.04	.63	.02							
COFFEE SPRINGS 2 NW	7.10			.90		2.00	1.40	1.20			.35							.65						.50	.10							
COTTONTON	4.79					.30	.44	.64										.08	.25			T	T	.08								
ELBA	8.45			1.80		1.10	2.12	1.00			.20							.80	.03	.03	.03	.03	.20	.47		.47						
ENTERPRISE 5 NNW	7.36			.71		1.63	1.86	1.12		.01	.20							.71	.07				.70	.35						T		
EUFULA WILDLIFE REF	6.61			.12		4.35	.83	.86			.05							.10				T	.13	T								.17
EVERGREEN	3.45			.57		.40	1.14				.31									.10		.04	.64								.25	
FRISCO CITY	4.28			1.49		.56					.21											.27	.52	.48					.31		.44	
GENEVA 2	5.68					1.22	1.18	1.38			.75							.63						.70	.02							
GEORGIANNA	3.82			.66		.10	1.15	.81		.02	.25							.20			.10	.10	.11	.30								.02
GILBERTOWN	-			-		-	-	-		-	-	-	-	-	-	-	-	-	.05	1.00			.75	T					32	60	.73	
GREENVILLE	4.59			.74		.63	1.37	1.00		.02	.18									.20	.12	.10	.01	.20	.02							
HEADLAND	7.18			.65		2.23	1.44	1.46			.54							.55	.07		.02	.01		.13	.05	.02						.01
HIGHLAND HOME	4.47			.37		.23	1.61	1.10		.02	.18							.05	.36		.17	.09	.04	.01	.24							
JACKSON	6.89			.46		.75	.54		.01	.17	.03							.05			.32	.10	2.15	1.30					10	17	.74	
KINSTON	6.50			1.65		1.08	1.25	.84		.01	.29							T	.75	.01	T	T		.41	.21							
LOUISVILLE	5.52			.40		1.35	1.35	1.37			.18							T	.25	.10	.04	.05	.02	.38	.02							
MELVIN	8.79			2.83				1.55		.39											.18		1.96							1.48	.39	
NEWTON	8.55					2.00	3.50	1.50			1.00										.05		.50									
OSARK 6 NNW	7.01			1.50		1.73	1.20	.30		.27								.46	.02		.04		.22	1.00							.27	
PINE APPLE	4.86					.90	2.24	.80			.10										.05	.40	.25	.22								
PITTSVIEW	4.75			T		2.49	.54	1.07		T	.01	.02						T	.10	.26	T	.01	.02	T	.22		.01				T	
RIVER FALLS	-			-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THOMASVILLE	7.15			.83		.11	.97		.01	.06	.07							T			.30	.04	.12	1.95	.44				1.25	.47	.53	
TROY	5.75			.79		.35	2.18	1.37		T	.10								.07	.25		.08	.04		.17							.35
WALLACE 2 E	3.60			.50			1.20																	.60								.90
WARTLEY	7.85			.89		.80	.30			.55												.45	.47	2.45	.75				.17	.55	.47	
X X X GULF 08																																
BAY MINETTE 3 NNW	7.91			.01	1.69	.02	1.21	1.28		.45							.04	.11	.14		.08	.44	.26	.84	.01				.17	.10	1.20	
COHEN	9.58			.11	.51	.11	1.35		.92								T	1.35			.83	.44	.41	1.60	T				.70		1.36	
DAUPHIN ISLAND 2	7.46			T	.94	.11	.97	.02		.01	1.35	.24						.93	.02		.57	.07	.07	.03	.99	.01				.07	1.06	
FAIRHOPE 2 NE	6.73			1.42		.05	1.17	.10			.87	.24						.92	.01	.09	.26	T	.05	.01	.42					.17	.95	
MOBILE WSD AP	8.51			.11	.01	.61	.78			.43							.12	.08	.39	.16	.02	.45	2.39	2.44			T		.37	T	1.15	
ROBERTSDALE	5.42			.95		.05	1.07	.05		.42	.19							.66	.02	.24	.07	T	.17	.01	.60	T	.02		T	.06	.65	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
NOVEMBER 1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	70 51	74 55	70 58	67 56	66 58	73 58	71 52	65 57	69 59	71 38	49 27		58 23	50 27	62 32	64 45	62 51	61 28	61 31	67 34	73 55	59 42	54 42	60 53		50 19	21	50 29	56 38	60 45	62.7 41.7	
BELLE MINA 2 N	MAX MIN	68 49	75 52	70 58	68 56	68 56	74 58	71 55	67 56	68 58	70 39	49 33	57 28	54 27	51 30	63 31	64 37	63 52	63 32	67 39	63 55	59 43	53 44	62 52	62 40	50 21	56 19	51 35	57 40	61 47	62.2 42.5		
FALKVILLE 1 E	MAX MIN	68 52	73 54	70 59	69 55	68 56	76 58	70 53	66 52	70 55	50 38	50 25	58 26	53 23	52 26	63 33	65 41	64 50	68 31	61 35	66 38	63 54	60 47	53 46	64 52	63 40	53 24	57 24	56 36	68 43	66 55	63.1 42.9	
HUNTSVILLE WSO AP	MAX MIN	73 53	68 59	67 57	68 56	75 62	72 56	67 53	68 56	70 49	49 36	57 32	51 26	50 26	62 30	63 36	63 51	64 40	60 33	66 36	64 55	62 46	53 46	63 50	63 45	52 30	34 22	52 33	54 42	61 49	65 56	61.2 44.2	
MOULTON 2	MAX MIN	76 49	69 55	69 59	65 55	76 63	71 58	68 57	71 52	73 59	67 38	49 30	55 27	53 24	65 28	64 40	63 54	66 42	62 32	67 36	63 54	53 44	53 50	62 44	61 50	54 47	48 21	52 29	51 41	60 44	67 56	62.8 45.0	
MUSCLE SHOALS FAR AP	MAX MIN	75 50	71 58	70 59	69 59	77 63	72 57	71 59	72 56	77 46	52 41	61 34	55 30	52 31	66 33	68 38	63 55	66 42	64 35	70 45	65 39	66 49	55 46	63 44	65 43	56 45	37 20	53 20	49 39	62 46	70 57	63.7 45.5	
RED BAY	MAX MIN	70 53	74 50	76 54	75 52	74 51	76 58	74 56	75 54	77 65	71 39	50 22	57 34	58 31	69 33	68 38	66 55	69 42	67 35	70 45	67 39	65 49	60 46	59 44	57 43	54 45	50 20	50 20	51 33	62 41	70 46	65.4 45.7	
RUSSELLVILLE 2	MAX MIN	68 51	70 52	66 56	63 55	66 55	73 55	67 49	66 50		71 34	47 22	59 22	59 21	51 22	62 36	62 37	58 47	63 27	67 40	60 55	59 41	51 41	58 51	60 37	55 19	54 22	54 33	49 33	54 41	56 46	60.6 39.4	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	78 49	73 46	69 57	65 49	72 58	69 46	69 50	74 56	71 45	54 31	63 30	59 29	58 31	64 33	66 33	71 38	69 44	65 33	63 40	66 55	68 62	64 43	68 42	68 48	58 26	43 25	63 30	58 49	76 41	71 44	65.8 42.1	
BIRMINGHAM WSO AP	MAX MIN	72 53	67 62	68 61	65 60	72 58	65 53	66 52	70 52	69 52	52 39	58 30	55 28	54 31	60 31	62 37	68 56	68 40	61 35	61 45	65 56	65 60	63 50	66 56	52 39	49 26	59 31	55 50	71 55	66 55	62.7 47.3		
GUNTERSVILLE	MAX MIN																																
ONEONTA	MAX MIN	67 50	75 52	68 56	69 57	67 58	75 55	67 50	64 52	70 53	69 39	51 31	58 28	55 24	56 25	54 29	65 32	65 55	68 32	63 34	66 38	67 54	61 51	62 56	65 45	58 24	56 25	65 34	58 25	70 48	60 56	63.1 43.5	
SAINT BERNARD	MAX MIN	69 46	74 49	70 58	69 55	67 58	71 60	76 50	66 53	70 54	67 37	53 31	55 28	58 25	53 27	63 28	64 32	63 32	69 54	62 34	65 37	66 51	60 48	58 46	65 52	55 22	35 23	55 34	58 45	69 55	63.0 42.7		
SAND MT SUBSTA AU	MAX MIN	62 49	72 51	62 56	68 57	66 59	71 59	60 52	61 54	65 55	66 39	48 31	54 27	50 25	51 28	59 35	61 42	61 52	67 35	67 39	63 41	66 51	57 51	60 56	67 44	66 22	56 24	64 33	53 45	62 51	59.9 44.0		
SCOTTSBORO	MAX MIN	67 42	65 50	67 60	73 57	63 57	71 57	69 55	64 58	69 58	60 48	50 28	56 30	57 22	53 25	63 26	64 33	61 50	69 30	68 34	67 35	58 52	58 50	64 52	58 20	69 24	54 20	36 22	52 33	54 43	62 52	61.7 42.0	
VALLEY HEAD	MAX MIN	61 51	72 55	66 57	69 60	67 60	67 57	62 54	63 55	70 52	67 38	47 23	54 22	50 19	51 20	61 26	60 28	60 51	67 27	61 29	65 31	62 52	61 53	61 56	68 54	65 41	53 20	33 22	51 30	63 43	59 53	60.5 41.3	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	74 49	70 53	71 62	70 52	64 56	67 56	69 56	73 53	78 56	75 38	55 28	62 30	60 28	57 29	62 33	62 39	75 57	70 34	64 36	60 49	67 59	64 51	57 52	65 56	67 48	58 28	42 28	55 36	66 48	70 60	65.1 45.3	
BANKHEAD LOCK AND DAM	MAX MIN	70 51	76 50	68 56	69 61	63 55	68 57	68 56	67 54	66 55	65 43	54 32	57 32	56 32	55 31	61 34	64 38	70 56	60 40	62 39	60 43	63 59	60 55	58 57	62 47	54 29	44 27	60 34	60 45	74 60	62.6 46.1		
CENTREVILLE WSMO	MAX MIN	72 48	74 49	71 59	70 55	64 54	66 52	68 52	68 54	75 54	69 39	53 34	60 32	60 28	58 29	62 32	67 36	74 47	71 42	65 41	59 44	64 56	68 60	64 50	68 60	70 50	62 27	43 27	65 31	65 49	75 58	65.7 45.5	
CLANTON	MAX MIN	77 49	76 51	68 60	69 58	62 52	67 56	71 53	65 51	75 53	69 39	53 32	61 28	58 25	62 27	62 31	65 33	77 53	72 33	66 36	57 43	67 55	72 60	64 50	68 55	73 50	61 27	44 27	65 30	62 55	76 60	66.1 44.5	
DOUBLE SPRINGS	MAX MIN	72 48	75 48	67 61	65 57	74 58	73 56	70 53	67 49	70 51	52 35	50 26	60 26	56 26	57 30	65 30	66 40	69 53	67 35	67 35	68 50	62 45	63 45	60 45	62 45	63 43	54 22	45 25	53 35	60 43	67 56	64.2 43.1	
FAYETTE	MAX MIN	75 46	79 46	76 60	73 56	65 55	73 55	68 52	73 51	78 52	72 38	54 29	63 27	59 27	57 29	62 33	68 48	72 55	72 33	65 34	66 37	66 59	63 51	59 49	65 49	65 46	57 26	48 26	61 36	61 45	73 56	66.1 43.0	
HALEYVILLE 3 NE	MAX MIN	72 62	67 51	66 58	64 54	72 58	66 55	68 48	69 58	71 58	65 32	57 25	52 25	51 24	60 29	63 35	61 48	65 53	58 40	64 42	59 53	61 45	61 50	63 45	57 42	48 20	51 26	51 34	65 41	65 43	65 56	61.8 44.1	
HAMILTON 3 S	MAX MIN	74 47	76 47	70 59	74 57	65 56	77 55	69 50	67 50	75 50	76 36	52 21	61 21	56 23	58 23	66 25	68 28	63 54	69 28	65 28	68 58	59 45	62 45	57 54	62 42	56 22	38 22	54 35	57 43	70 55	64.4 40.5		
JASPER 4 N	MAX MIN	70 43	74 44	69 55	69 58	64 56	72 58	72 51	71 50	70 52	70 36	51 25	60 27	58 25	57 26	63 27	66 29	68 54	68 29	65 30	65 37	62 56	62 49	58 50	64 54	62 47	54 24	41 24	59 27	58 45	69 56	63.7 41.5	
PRATTVILLE	MAX MIN																																
THORSBY EXP STATION	MAX MIN	75 49	70 59	67 63	64 59	67 54	68 56	65 55	74 52	69 59	64 38	60 31	57 30	57 30	61 30	64 33	71 53	71 60	64 40	61 40	55 43	72 52	68 50	68 60	65 60	70 58	64 28	50 28	60 30	64 51	72 58	65.2 47.7	
TUSCALOOSA FAR AP	MAX MIN	75 50	68 61	68 54	63 53	67 53	66 53	70 53	75 53	69 49	51 30	59 27	59 29	56 25	60 27	63 32	70 53	69 42	62 32	56 41	63 55	63 59	59 54	63 51	64 51	54 39	39 26	60 29	54 46	73 54	69 58	62.9 44.6	
TUSCALOOSA OLIVER DAM	MAX MIN	71 53	77 54	71 65	70 56	65 56	70 56	68 56	71 56	76 63	71 46	53 33	61 31</																				

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# DAILY TEMPERATURES

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EASTERN VALLEY 04																																	
ANNISTON FAR AP	MAX MIN	75 50	68 59	71 64	66 61	76 60	64 52	72 58	70 58	58 32	58 32	56 29	54 27	64 30	66 31	71 46	70 52	62 35	66 40	67 53	68 55	65 60	71 57	68 51	58 39	40 28	63 28	54 51	71 54	69 59	64.8 46.8		
CALERA 2 SW	MAX MIN	77 47	69 56	69 62	69 59	69 56	68 55	70 57	70 54	74 51	72 55	24 26	22							64 59	74 58	65 56	69 54	63 50	63 27	64 26	64 36	75 52	75 55	47.7			
CENTRE 4 SW	MAX MIN	63 45	74 54	65 59	70 58	67 60	73 57	64 54	62 55	66 53	69 41	50 28	56 27	53 26	50 28	60 27	63 30	66 47	69 36	62 37	67 41	69 51	59 55	61 57	70 55	69 47	56 25	44 26	58 39	53 46	62 52	62.3 43.9	
CHILDERSBURG WTR PLANT	MAX MIN	77 45	75 59	72 63	65 60	72 55	73 55	66 51	73 55	72 58	69 41	59 28	60 28	60 27	64 25	65 29	73 40	70 57	66 33	66 39	65 60	70 52	64 48	70 61	70 55	68 43	53 27	63 27	64 51	75 52	73 56	67.7 46.9	
GRADSOEN STEAM PLANT	MAX MIN	64 49	74 50	66 59	68 60	65 62	76 58	65 53	72 54	72 54	68 41	51 36	57 32	54 28	55 29	64 31	65 31	70 36	62 36	68 42	68 42	58 36	61 48	69 58	68 46	56 26	46 24	58 46	53 46	65 53	63.3 44.3		
TALLADEGA	MAX MIN	69 50	68 57	70 64	66 60	72 53	66 57	65 51	72 52	70 60	67 41	64 29	68 40	55 23	65 24	64 28	71 46	70 59	64 50	68 50	68 52	70 60	67 58	68 59	68 59	64 49	60 24	62 26	62 54	74 69	69 58	66.9 48.0	
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	71 50	77 53	70 60	70 55	65 56	74 57	65 55	68 54	75 58	70 40	55 30	60 30	61 27	60 30	64 32	68 35	71 55	72 35		68 41												
ASHLAND 2 SSE	MAX MIN	63 49	73 45	65 56	68 60	64 59	73 58	62 54	62 50	69 58	66 47	49 37	55 35	54 30	55 27	60 27	62 29	66 49	67 46	62 39	59 40	66 50	67 55	68 58	70 55	59 35	38 24	60 60	54 49	72 52	62.3 45.2		
AUBURN AGRONOMY FARM	MAX MIN	69 49	74 56	69 59	69 60	64 58	69 58	67 58	67 55	73 57	70 42	52 30	58 36	58 32	57 30	61 33	66 45	69 56	71 45	66 45	59 50	65 54	74 59	67 61	69 57	75 56	65 27	43 29	62 33	76 55	74 58	65.9 48.0	
HEFLIN	MAX MIN	63 44	75 53	65 57	65 59	66 58	74 54	65 49	62 55	70 50	59 40	49 28	55 24	54 20	61 26	64 25	64 40	66 53	67 30	60 35	65 48	66 50	64 50	65 50	68 51	70 50	60 24	39 22	60 32	55 47	59 50	62.2 42.5	
LAFAYETTE	MAX MIN	75 45	69 55	69 59	66 60	75 57	68 56	67 53	74 55	67 55	66 42	59 27	59 26	64 32	68 30	70 50	70 58	65 55	60 53	67 50	72 62	67 63	73 60	76 64	72 52	54 26	63 24	71 49	75 58	64 54	67.5 48.7		
MARTIN DAM	MAX MIN	76 57	69 60	73 60	68 59	73 56	70 57	68 57	75 55	69 56	56 42	59 37	59 32	58 36	60 30	66 31	70 48	71 57	64 38	62 45	67 50	73 57	66 60	70 58	66 55	58 30	64 25	69 54	75 58	75 58	67.5 48.6		
OPELIKA	MAX MIN	67 49	74 47	67 58	59 56	65 58	73 58	69 56	67 57	74 59	70 47	54 32	59 30	60 29	61 29	61 31	67 29	69 39	71 49	66 39	59 49	67 49	74 60	68 57	70 54	68 31	65 27	62 32	76 54	73 56	67.0 46.0		
ROCKFORD 2 NW	MAX MIN	69 48	75 50	67 59	71 58	62 54	70 56	66 54	64 53	73 56	67 38	53 30	59 29	60 27	58 30	62 30	65 34	70 55	71 33	66 40	59 44	67 50	71 59	63 59	68 56	73 50	62 28	43 25	62 32	65 53	75 56	65.2 44.8	
ROCK MILLS	MAX MIN	65 45	75 54	67 59	68 58	68 59	76 54	65 51	66 56	74 59	68 41	54 27	59 25	58 25	57 26	62 26	67 37	69 57	71 30	66 38	62 39	67 47	71 51	65 59	70 53	74 47	66 27	42 22	61 30	73 51	65.5 43.0		
PRAIRIE 06																																	
DAYTON 1 N	MAX MIN	75 50	76 60	71 62	73 50	63 54	62 53	68 58	78 58	69 55	67 34	60 28	62 32	63 28	57 29	65 38	69 41	77 62	71 35	61 48	62 49	67 55	73 55	63 55	67 55	70 45	71 30	50 29	69 45	67 56	76 60	67.4 47.0	
DEMOPOLIS LOCK AND DAM	MAX MIN	75 50	75 49	69 58	72 48	64 52	64 52	69 51	73 52	78 52	70 36	54 26	62 25	62 30	57 27	65 30	68 35	78 53	70 34	65 33	58 44	69 53	59 49	66 50	68 46	61 30	44 26	69 49	67 46	76 56	66.5 42.4		
GRAINESVILLE	MAX MIN	75 52	75 53	69 62	73 52	63 55	65 56	73 58	73 57	78 57	74 38	55 30	64 34	62 30	59 30	65 35	68 40	75 58	71 36	64 37	60 48	68 59	65 51	67 51	65 56	66 50	61 30	45 30	66 34	65 48	76 60	66.6 46.2	
GREENSBORO	MAX MIN	78 50	71 62	72 54	64 63	63 54	67 55	71 59	78 55	70 60	61 39	63 31	64 31	66 27	68 31	68 39	78 57	71 51	66 43	57 53	66 61	69 58	65 57	67 58	70 60	67 39	65 29	64 61	78 54	70 60	67.8 48.1		
HAYNEVILLE	MAX MIN	74 52	75 60	75 60	70 58	64 56	70 58	75 58	75 57	70 58	76 43			65 32	65 33	67 38	70 39	71 42	75 45		72 56	70 57	70 58	72 60	64 48	70 33		75 56	74 57	75 57	71.1 50.6		
LIVINGSTON 2 SW	MAX MIN	75 48	77 50	70 61	75 53	72 50	62 51	74 51	76 53	78 56	77 40	77 27	64 32	63 27	72 28	73 35	79 38	70 59	73 33	65 37	70 52	68 55	63 51	70 48	68 46	60 29	70 34	68 45	77 34	76 45	70.5 43.8		
MARION JUNCTION 2 NE	MAX MIN	72 48	75 49	70 61	68 51	63 51	62 52	67 52	70 52	77 54	69 37	53 27	60 28	62 27	58 27	63 30	67 36	77 35	71 45	67 35	57 45	69 55	73 57	65 59	68 58	74 48	63 30	44 27	69 30	67 55	76 59	66.5 44.3	
MINTER 3 NW	MAX MIN	73 49	75 53	70 63	67 51	63 53	62 54	66 56	70 53	78 58	68 39	54 32	60 33	62 33	58 32	63 38	69 39	73 59	74 44	67 43	55 48	70 55	75 60	67 59	75 53	63 32	44 29	69 35	73 61	77 61	67.0 47.8		
MONTGOMERY WSO AP	MAX MIN	77 50	71 65	74 60	65 60	69 57	72 60	70 59	77 57	73 60	60 39	64 32	66 35	59 34	64 33	71 34	73 55	76 51	68 39	58 51	74 57	76 60	67 63	72 63	76 58	68 50	50 32	71 60	76 61	71 63	69.5 51.0		
SELMA	MAX MIN	77 50	70 61	71 63	64 55	64 54	68 56	69 61	78 53	70 60	60 42	57 33	65 37	66 32	68 34	69 32	76 45	72 60	68 39	61 47	73 50	72 58	66 60	69 57	74 54	59 30	70 30	72 60	79 62	71 60	68.9 50.4		
UNION SPRINGS 4 S	MAX MIN	71 50	75 51	69 61	69 60	63 55	70 56	67 57	70 53	75 54	71 42	53 33	59 32	61 32	60 29	61 32	69 34	76 54	70 37	66 40	68 47	71 57	78 58	68 60	74 62	73 52	70 31	50 28	65 28	76 53	75 53	67.8 46.4	
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX MIN	73 48	75 48	70 62	69 46	67 51	65 50	68 48	70 49	77 56	67 40	54 25	59 27	64 25	58 28	63 28	67 37	65 55	73 37	64 39	65 50	69 52	75 52	63 57	69 59	73 49	64 6						

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BREWTON 3 SSE	MAX MIN	75 45	76 55	72 60	66 45	69 49	71 57	73 50	78 50	71 59	66 40	61 26	66 29	60 26	64 26	71 34	72 51	80 56	68 40	67 50	73 56	79 51	71 55	71 58	74 61	69 49	62 39	70 27	77 55	77 67	70 59	70.6 47.5	
CAMDEN 3 NW	MAX MIN	75 48	78 49	70 64	70 52	62 53	64 53	66 54	68 55	78 58	69 39	55 30	61 32	64 31	56 32	64 32	70 40	75 59	74 41	65 41	65 41	69 56	75 60	65 60	61 59	71 64	64 53	33 30	70 33	69 61	77 61	67.9 47.0	
CHATOM 4 N	MAX MIN	78 50	75 59	75 55	71 51	66 54	74 54	77 57	78 52	74 64	70 37	62 29	67 37	63 32	67 32	71 42	76 58	77 62	69 41	65 47	73 52	72 62	69 58	68 59	69 57	66 52	62 32	72 32	75 59	79 65	74 59	71.1 50.2	
CLAYTON	MAX MIN	70 48	74 55	69 60	69 60	68 55	70 56	69 54	70 56	76 59	71 42	53 30	58 33	60 31	56 33	62 38	68 44	66 53	77 41	64 47	70 48	74 51	75 56	69 58	70 57	73 53	68 32	45 30	64 39	77 52	74 53	67.6 47.5	
ENTERPRISE 5 NNW	MAX MIN	74 49	76 55	71 63	72 53	67 54	67 57	71 54	73 51	79 60	67 45	55 31	59 32	63 33	59 34	62 39	68 41	65 57	76 47	65 47	63 52	73 62	77 59	67 60	70 61	76 54	69 35	48 32	67 36	76 53	75 54	68.3 48.5	
EUFULA WILDLIFE REF	MAX MIN	75 45	76 55	72 62	70 61	75 55	74 56	72 53	78 54	72 54	69 45	60 31	63 32	64 34	67 28	69 29	64 36	80 46	78 36	69 43	70 48	76 52	73 56	73 57	75 57	76 56	62 28	76 50	75 45	70 50	71.4 47.1		
EVERGREEN	MAX MIN	75 49	76 52	72 63	68 49	66 53	66 56	72 54	72 53	78 56	70 39	56 29	61 31	66 30	60 30	65 33	69 44	69 56	79 43	64 44	67 49	72 57	77 59	68 58	71 62	75 54	66 33	48 28	70 36	77 58	78 59	69.1 47.2	
FRISCO CITY	MAX MIN	74 52	76 55	75 62	70 52	70 55	68 54	71 55	70 53	77 55	66 38	55 30	65 32	65 34	53 35	60 38	70 44	73 54	78 45	68 49	70 50	70 48	75 51	70 59	68 51	65 56	30	71 30	76 51	75 63	69.4 48.1		
GENEVA 2	MAX MIN	75 49	76 52	75 63	71 58	68 53	67 55	71 51	77 53	80 60	68 29	56 32	65 33	65 36	63 29	63 33	67 38	65 55	76 45	66 48	67 53	73 56	79 56	68 61	74 62	76 53	70 30	50 30	65 30	51	69.4 48.4		
GILBERTOWN	MAX MIN																			70 42	68 45	73 52	78 63	73 55	68 67	65 57	60 49	71 33	67 52	77 56	69		
GREENVILLE	MAX MIN	73 48	75 53	72 63	70 51	63 53	64 56	70 54	70 52	77 54	68 41	54 31	59 30	63 30	59 27	64 31	67 44	69 58	78 38	66 41	61 48	71 58	75 58	65 59	69 60	74 53	65 33	45 27	68 43	76 58	76 60	67.5 47.1	
HEADLAND	MAX MIN	74 48	72 50	74 63	72 59	66 55	70 58	70 50	74 55	77 58	72 46	54 32	59 32	62 32	55 32	59 34	60 36	66 53	75 45	65 46	63 48	70 55	75 58	68 59	69 59	75 59	69 35	47 31	62 38	75 49	74 51	67.4 47.6	
HIGHLAND HOME	MAX MIN	74 45	78 49	73 60	69 56	63 50	63 56	70 55	71 58	80 58	69 41	54 28	60 28	63 32	59 34	64 34	69 38	69 56	75 43	67 43	58 45	73 56	75 58	65 59	70 58	75 51	65 31	46 28	68 39	75 57	77 56	67.9 46.7	
OZARK 6 NNW	MAX MIN	76 48	72 62	70 63	66 60	68 55	68 55	72 55	78 58	72 61	64 43	61 31	64 36	59 33	63 36	68 38	64 55	77 60	69 45	63 50	70 53	75 59	72 65	69 62	75 61	70 55	60 34	66 30	76 52	74 53	69	69.0 50.9	
PITTSVIEW	MAX MIN	72 41	77 44	72 60	70 58	66 51	76 52	70 53	70 52	75 51	72 45	55 27	61 25	63 22	58 24	61 23	68 26	65 45	77 33	67 33	60 43	70 53	75 52	72 54	73 55	76 57	71 31	47 23	62 41	76 45	75 44	68.4 42.1	
THOMASVILLE	MAX MIN	78 49	79 51	71 61	73 52	61 53	61 50	69 52	75 56	79 57	69 37	60 29	63 32	66 30	61 31	67 35	71 44	75 62	73 40	66 40	59 48	68 55	71 60	65 59	69 58	68 53	68 31	48 30	70 35	70 57	78 61	68.4 46.9	
TROY	MAX MIN	76 50	70 61	70 63	64 53	65 55	70 58	69 54	78 55	69 60	63 41	59 31	62 34	58 31	63 40	66 42	65 54	78 60	66 42	61 47	72 53	76 58	66 60	70 59	75 59	67 53	54 33	67 30	76 54	68 60	67.9 49.9		
WHATLEY	MAX MIN	79 51	76 53	76 50	70 48	74 45	75 51	71 52	73 52	76 52	67 39	60 27	61 26	62 25	72 26	79 28	78 35	79 38	79 38	70 50	73 52	75 53	70 52	71 53	71 57	72 56	66 32	74 28	70 49	77 50	77 52	72.4 44.2	
GULF 08																																	
BAY MINETTE 3 NNW	MAX MIN	78 54	70 56	74 56	67 52	69 51	74 56	73 55	79 53	71 64	66 35	63 33	68 36	62 38	69 36	70 45	76 58	79 61	68 49	68 48	73 58	77 60	69 61	73 60	72 60	67 53	60 35	72 32	78 62	77 66	71 60	71.1 51.4	
CODEN	MAX MIN	74 56	71 55	72 54	66 51	64 56	71 55	72 65	76 53	71 65	69 40	61 32	61 37	58 35	60 35	70 36	72 61		72		71 49	74 60	70 61	73 61	72 62	74 63	65 36	70 34	75 64	75 62	70	69.6 52.2	
DAUPHIN ISLAND 2	MAX MIN	75 64	73 66	74 60	73 58	65 59	66 59	73 64	74 63	75 66	70 45	58 44	62 49	66 48	58 49	66 55	69 58	73 65	73 59	61 53	69 59	70 63	71 64	69 64	70 63	71 59	70 45	66 47	72 66	71 67	73 61	69.2 58.1	
FAIRHOPE 2 NE	MAX MIN	76 54	78 54	73 58	72 53	65 55	63 57	72 57	73 55	77 60	67 43	56 37	61 38	67 40	59 37	68 40	70 48	73 62	76 54	64 52	69 56	73 62	75 62	75 63	74 61	72 56	67 40	54 35	71 54	74 64	74 60	69.6 52.2	
MOBILE WSO AP	MAX MIN	76 56	72 62	72 53	61 55	61 57	74 58	75 55	77 55	70 52	57 40	63 34	68 40	62 38	66 37	69 47	77 62	77 58	63 51	66 52	70 60	74 61	67 62	74 73	73 60	52 50	71 38	71 37	73 66	74 65	68 59	69.0 52.7	
ROBERTSDALE	MAX MIN	77 53	78 53	72 60	74 54	69 55	65 56	73 54	74 54	78 54	67 43	58 32	63 33	69 37	63 35	68 37	70 47	75 61	78 53	66 53	70 56	71 61	75 62	71 63	75 63	74 55	68 39	73 35	72 53	75 66	75 61	70.5 51.3	

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STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1N)																																	
	2	MAX	69	72	68	68	66	72	70	66	70	61	59	62	63	62	61	63	62	68	65	58	63	69	64	70	72	66	57	61	66	68	65.4	
		MIN	55	55	62	65	59	61	61	61	60	52	42	42	39	41	42	43	53	47	46	51	52	58	60	60	59	40	38	38	55	57	51.8	
	4	MAX	68	69	68	66	64	68	66	66	70	61	61	58	59	58	60	60	61	68	62	57	60	67	65	67	69	64	55	57	65	66	63.5	
BREWTON 3 ENE		MIN	58	58	63	64	60	61	61	64	61	58	48	44	42	43	46	46	54	53	48	52	52	60	62	60	59	44	40	40	56	58	53.8	
	8	MAX	65	66	65	72	63	66	65	64	67	64	59	56	56	54	55	56	59	58	59	56	58	63	62	65	66	63	53	54	60	63	61.1	
		MIN	58	58	63	58	61	62	62	63	63	59	49	48	46	47	47	48	54	53	52	53	53	58	60	61	61	50	45	45	54	57	54.9	
BREWTON 3 ENE	(1N)																																	
	4	MAX	77	78	72	70	64	64	72	70	75	60	61	61	66	63	65	63	66	70	64	62	65	70	65	69	71	65	58	62	67	73	66.9	
HEROLAND		MIN	60	60	65	61	60	59	61	60	60	53	45	44	45	45	45	48	58	54	57	57	58	58	63	63	61	48	45	45	58	64	55.3	
	4	MAX	70	68	70	69	67	65	68	68	69	69	60	52	51	50	50	55	60	66	60	60	64	66	63	73	69	66	53	55	62	62	62.7	
MARION JCT 2NE		MIN	60	59	64	62	61	61	60	60	60	59	46	45	45	43	42	44	53	55	51	56	57	58	59	62	64	51	45	44	50	54	54.3	
	4	MAX	70	69	66	67	66	63	66	67	69	67	61	58	58	58	58	58	62	66	62	57	60	63	63	65	68	63	56	58	61	67	63.1	
PITTSVIEW		MIN	64	63	64	65	63	63	62	64	63	61	54	53	53	52	52	52	57	57	57	57	57	55	63	63	63	55	51	50	58	61	58.4	
	4	MAX	69	70	68	68	66	69	69	68	70	67	64	61	60	59	60	59	61	68	64	57	61	66	65	68	70	68	56	58	66	66	64.7	
THORSBY EXP STATION		MIN	58	58	64	66	62	62	63	63	63	60	48	48	46	46	45	45	55	53	53	55	56	60	60	63	63	50	47	47	55	56	55.7	
	4	MAX	74	66	67	67	65	68	66	70	73	71	60	55	53	64	60	64	65	65	64	64	63	64	66	65	63	61	58	58	62	67	64.3	
WINFIELD 2 SW		MIN	60	64	66	65	63	65	64	61	64	55	48	45	45	50	50	58	63	54	52	52	51	63	64	63	61	56	58	58	59	57.5		
	4	MAX	68	68	64	69	62	67	67	66	68	68	56	57	58	56	59	60	58	65	60	58	59	59	58	62	62	57	50	50	54	62	60.9	
		MIN	58	61	64	60	62	62	61	60	60	52	44	45	44	42	46	55	58	48	49	55	57	56	58	58	55	43	42	50	50	54	53.6	

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# EVAPORATION AND WIND

ALABAMA  
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STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE W50 AP		EVAP	.17	.09	-	-	.16	.07	.05	.04	.05	.21	.13	.11	.08	.04	.10	.09	.18	.21	.12	.18	.12	-	-	.04	.01	-	-	.01	-	.00	2.958
		WIND	121	131	109	71	119	44	18	24	123	183	100	68	53	21	41	68	94	33	48	138	120	76	14	49	81	134	91	80	107	126	2485
		MAX	71	67	66	69	75	72	67	65	66	58	55	54	52	59	62	59	65	58	59	58	59	55	59	63	57	-	45	58	62	61.3	
		MIN	49	55	60	57	62	60	56	58	58	40	36	38	35	38	39	51	53	39	40	49	55	48	47	57	46	-	42	45	55	48.9	
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.14	.12	.10	.08	.12	-	-	.02	.06	-	.19	.12	.11	.07	.10	.08	-	.12	.10	.14	.15	-	-	-	.12	-	-	.01	-	-	-
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.13	.16	.15	.09	-	.25	.07	.01	.07	-	-	.15	.16	.08	.11	.12	.04	.08	.14	.12	.05	.06	.03	.02	.11	-	-	-	.07	.09	2.958
		WIND	57	63	75	52	55	66	31	25	19	89	80	41	53	14	13	27	73	48	28	57	62	41	23	13	26	96	45	77	50	63	1462
		MAX	57	72	68	67	62	70	66	65	71	65	57	55	57	55	60	63	63	70	62	52	59	70	65	68	71	63	47	55	68	71	63.1
		MIN	48	49	58	58	58	58	59	58	58	45	35	37	36	37	38	39	52	43	42	45	46	57	59	58	56	35	33	33	52	55	47.9
MARTIN DAM		EVAP	.13	-	.02	.07	-	-	.05	.05	.01	.13	.15	.10	.10	.08	.04	.02	.12	.06	.06	.01	.04	.00	.06	.08	.11	.08	.04	.06	.00	-	1.868
		WIND	30	32	27	37	27	16	17	20	36	43	26	72	15	10	23	50	44	26	23	32	27	9	19	28	42	21	55	28	34	36	905
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.12	.13	.04	.23	-	.01	.03	.03	.09	.10	.17	.09	.13	.07	.08	.04	.08	.10	*	.04	.10	.03	.00	.06	.06	.10	.10	.01	.08	-	2.278
		WIND	73	52	82	39	43	67	26	13	40	103	109	39	65	23	15	38	70	41	23	84	57	52	30	7	34	102	60	100	32	67	1586
		MAX	75	75	69	75	61	62	69	72	77	70	57	60	62	60	63	63	75	71	63	56	64	65	60	65	68	62	52	60	62	75	65.6
		MIN	54	52	60	58	56	56	57	59	59	42	35	34	32	31	38	42	56	45	43	50	51	56	55	57	55	37	36	36	55	55	48.4
COASTAL PLAIN 07																																	
HEADLAND		EVAP	.10	.07	.05	-	-	.12	.03	.06	.04	.20	.05	.09	.10	.05	.04	.04	.05	.05	.08	.06	.03	.05	.02	.01	.05	.13	.08	.06	.04	.04	1.928
		WIND	71	70	70	69	66	65	70	70	73	70	53	50	53	50	51	58	61	73	60	59	74	72	74	69	71	69	48	56	68	70	64.4
		MIN	52	51	62	61	56	51	57	57	60	51	35	35	32	36	38	38	52	50	49	52	54	58	59	62	61	39	35	35	48	53	49.3
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.11	.08	-	-	.04	.04	.06	-	.11	.15	.08	.08	.07	.04	-	.03	.08	.07	.07	.03	.02	-	.04	.06	.09	.06	.00	.01	-	-	1.858
		WIND	23	12	25	17	15	58	14	10	7	47	65	23	17	12	8	9	8	14	14	29	13	14	4	10	13	45	25	17	12	22	602
		MAX	79	76	71	71	67	61	72	73	72	68	57	56	61	56	59	62	74	74	61	62	70	74	69	75	72	66	55	62	71	73	67.3
		MIN	55	54	61	56	55	56	58	58	58	44	38	37	40	40	40	47	60	55	52	52	60	62	62	64	59	41	39	40	61	62	52.2

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF. PALMER GOODSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	MID	MID		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS. DORA R. DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	6A	8A	GH	NATL WEATHER SERVICE
AUTAUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452					VONDEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MID	MID		C	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	MID	MID		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS CLARA T PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATAM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARD
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO.
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINDLEY
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNDES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE W50 AP	4064	01	MADISON	12	34 39	86 46	624	MID	MID	MID	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	8 8 WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN 8 ARD
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARTIN JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W D (BILL) OILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE W50 AP	5478	08	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY W50 AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MID	MID		C HJ	NATL WEATHER SERVICE
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	CLOSED 7/31/77
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MID	MID		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NODRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHD
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			RADIO STATION WPXC
RED 8AY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			W C HARRELSON
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	CODD	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MID		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIMORE
SCOTT580RD	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JDE WOODARD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
NOVEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750					TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FFA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	CORPS OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS EESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	B188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
CLOSED STATIONS												
MOULTON	5625	01	LAWRENCE	12	34 28	87 18	628				C	CLOSED 7/31/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Biggest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windsfield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

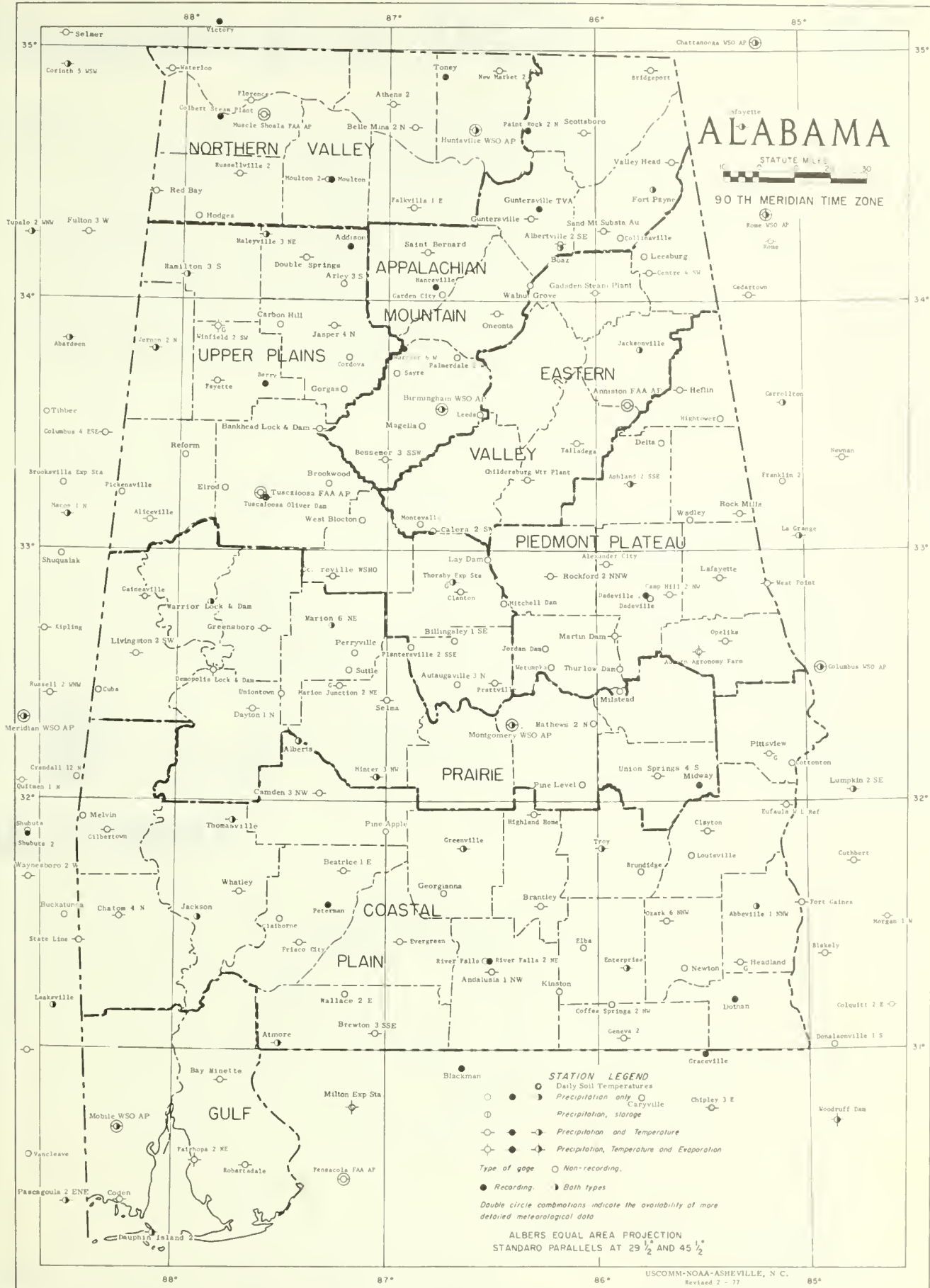
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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**THIRD CLASS**



# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	MONTGOMERY WSO AP	83	DATE 05
LOWEST TEMPERATURE:	2 STATIONS	10	DATE 30+
GREATEST TOTAL PRECIPITATION:	ANDALUSIA 1 NW	7.20	
LEAST TOTAL PRECIPITATION:	GUNTERSVILLE	1.50	
GREATEST 1 DAY PRECIPITATION:	ORAPHIN ISLAND 2	2.85	DATE 30
GREATEST TOTAL SNOWFALL:	25 STATIONS	T	
GREATEST DEPTH OF SNOW OR ICE:	MUSCLE SHOALS FAA AP	T	DATE 21

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	2S	2.4	9.1	33	NW	05	74	75	62	62	3	3	4	1	0	0	11	60	6.4	
HUNTSVILLE WSO AP	24	2.7	10.5	31++	29	05	70	69	56	59	7	1	5	2	0	0	15	-	6.3	
MOBILE WSO AP	29	0.2	9.3	30++	21	05	79	86	61	70	1	3	5	0	3	0	12	-	5.9	
MONTGOMERY WSO AP	29	1.7	8.5	42	NW	05	72	76	53	61	0	3	5	3	0	0	11	55	5.1	



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL / NATIONAL CLIMATIC CENTER  
DATA SERVICE / ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
DECEMBER 1977

STATION	TEMPERATURE										PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
															TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1-00 OR MORE
									80° OR BELOW	70° OR BELOW	60° OR BELOW	50° OR BELOW								
NORTHERN VALLEY 01																				
ATHENS 2	49.6	29.2	39.4		70	5	12	10	784	0	1	19	0	2.01	.50	14		8	1	0
BELLE MINA 2 N	49.6	30.3	40.0		70	5	14	10	765	0	2	17	0	2.20	.51	25		7	1	0
FALKVILLE 1 E	51.4	30.9	41.2		71	5	11	12	732	0	1	15	0	2.40	.45	30		8	0	0
HUNTSVILLE WSO AP	51.2	31.8	41.5	- .9	69	5	14	10	721	0	3	15	0	2.25	.55	24		7	2	0
MOULTON 2	53.3	33.1	43.2		70	5	15	10	668	0	2	15	0	2.26	.50	14		6	1	0
MUSCLE SHOALS FRA AP	52.7	32.4	42.6	- .5	72	5+	14	10	691	0	2	16	0	2.29	.99	24		6	1	0
REO BAY					70	5	11	7		0					.0					
RUSSELLVILLE 2	48.0M	25.9M	37.0M		67	5	11	11	878	0	3	22	0	4.40	1.80	17		8	2	1
DIVISION			40.7	- 2.1										2.54	- 2.83					
APPALACHIAN MOUNTAINS 02																				
BESSEMER 3 WSW	56.5	31.8	44.2		74	4	18	26+	641	0	0	15	0	1.97	.71	17		6	1	0
BIRMINGHAM WSO AP	53.6	34.6	44.1	- 1.1	72	5	18	7	640	0	0	13	0	2.01	.76	17		5	1	0
GUNTERVILLE	55.0	28.9	42.0		72	5	10	30	710	0	0	22	0	1.50	.78	17		4	1	0
ONEONTA	51.6	30.4	41.0	- 2.2	72	6	15	10+	738	0	0	16	0	2.57	.74	25		6	2	0
SAINT BERNARD	51.8M	28.8M	40.3M	- 1.6	70	6+	15	10+	766	0	0			2.69	.85	24		1		
SAND MT SUBSTA AU	48.9M	29.9	39.4M		68	5	12	7	786	0	2	17	0	3.01	1.09	25		6	2	1
SCOTTSBORO	51.3	28.7	40.0	- 2.3	75	5	12	7	767	0	0	19	0	3.61	.97	25		7	4	0
VALLEY HEAD	49.6	26.3	38.0	- 2.8	70	6	10	7	833	0	3	23	0	3.12	1.31	25		6	2	1
DIVISION			41.1	- 2.0										2.56	- 2.77					
UPPER PLAINS 03																				
ALICEVILLE	57.3M	34.7M	46.0M		74	5			583	0	0			2.44	- 2.58					
BANKHEAD LOCK AND DAM	52.8	33.0	42.9		69	6+	18	11	578	0	0	14	0	2.86	.80	18		7	3	0
CANTREVILLE WSO	56.0M	31.9M	44.0M		77	6	18	11+	661	0	0	15	0	4.07	1.72	18		6	2	2
CLANTON	56.0	31.1	43.6	- 1.9	78	6	18	10+	660	0	0	17	0	3.03	.80	25		8	2	0
DOUBLE SPRINGS	53.2	30.4	41.8		71	5	13	26	712	0	0	19	0	3.16	1.24	30		4	3	2
FAYETTE	53.6M	31.2M	42.4M	- 2.2	74	5	17	10	694	0	0			2.06	.89	14		5	1	0
HALEYVILLE 3 NE	52.3	32.5	42.4	- .4	68	5+	14	26+	693	0	1	17	0	3.78	.95	25		8	2	0
HAMILTON 3 S	52.9	27.5	40.2		73	5	13	27+	763	0	0	23	0	3.05	.58	30		9	1	0
JASPER 4 N	52.1	29.3	40.7		70	6+	15	29	747	0	0	18	0	3.05	.81	14		8	2	0
THORSBY EXP STATION	56.1	35.8	46.0		77	5	17	7	590	0	0	11	0	2.04	.68	17		5	2	0
TUSCALOOSA FRA AP	52.8	31.9	42.4	- 3.7	71	5+	17	10	693	0	0	16	0	3.20	.77	17		6	2	0
TUSCALOOSA OLIVER DAM	55.4	34.5	45.0		75	5	20	11	620	0	0	14	0	3.08	.79	18		6	4	0
VERNON 2 N	55.1	28.2	41.7		74	5	14	7	716	0	0	20	0	3.04	.97	14		6	3	0
WINFIELD 2 SW	52.4	30.0	41.2		72	5	16	10+	729	0	0	18	0	2.33	.58	30		6	3	0
DIVISION			42.9	- 2.4										2.94	- 2.40					
EASTERN VALLEY 04																				
ANNISTON FRA AP	56.1	33.3	44.7		77	5	18	29+	625	0	0	16	0	1.92	.56	17		6	1	0
CALFRA 2 SW	57.6	34.5M	46.1M		77	5	12	7	595	0	0	12	0	2.23	.78	17		6	1	0
CENTRE 4 SW	52.0	30.6	41.3		74	6	15	7	726	0	0	15	0	3.04	.96	25		6	2	0
CHILDERSBURG WTR PLANT	57.7	35.5	46.6		74	4	13	7	566	0	0	13	0	1.67	.60	29+		5	2	0
GRADSON STEAM PLANT	52.2	31.3	41.8	- 1.8	72	6	16	7	712	0	0	17	0	2.48	.67	25		6	2	0
TALLADEGA	57.9M	30.9M	44.4M	- 1.3	76	5	16	29+	627	0	0				.0					
DIVISION			44.2	- .5										2.27	- 2.94					
PIEDMONT PLATEAU 05																				
ALEXANDER CITY																				
ASHLAND 2 SSE	52.9	31.2M	42.1M		74	6	15	8	714	0	0			4.16	- 1.04					
AUBURN AGRONOMY FARM	55.9	33.7	44.8	- 2.2	79	6	19	7	621	0	0	14	0	4.02	1.02	25		7	2	0
HEFLIN	51.8M	30.2	41.0M		70	5	12	29	729	0	0	20	0	2.48	.55	1		7	2	0
LAFFAYETTE	57.8	34.5	46.2		78	5	17	7	581	0	0	13	0	3.24	.96	30		8	2	0
MARTIN DAM	57.6	34.9	46.3		80	5	20	29+	579	0	0	15	0	3.59	1.23	24		7	3	1
OPELIKA	55.5	31.4M	43.5M		79	6	19	30	662	0	0			3.04	.87	18		6	3	0
ROCKFORD 2 NNW	55.3	31.4	43.4		77	6	18	28+	664	0	0	15	0	3.07	.91	30		7	2	0
ROCK MILLS	55.9	30.5	43.2	- 1.5	77	6	15	29	667	0	0	18	0	3.69	1.29	25		9	2	1
DIVISION			43.8	- 2.3										3.33	- 1.87					
PRAIRIE 06																				
DAYTON 1 N	57.5	36.1	46.8		78	6+	20	10+	562	0	0	10	0	2.58	.94	18		6	3	0
DEMOPOLIS LOCK AND DAM	57.5	30.8	44.2		78	6	13	7	640	0	0	16	0	1.80	.77	18		5	2	0
GRAINESVILLE	53.9	33.9	44.9		75	5+	19	22	617	0	0	14	0	2.09	.42	30+		7	0	0
GREENSBORO	58.8	34.9	46.9	- 1.7	78	5	19	21+	561	0	0	13	0	2.57	1.00	29		5	2	1
HAYNEVILLE					80	6				0	0				1.15	30				
LIVINGSTON 2 SW	60.2M	32.8M	46.5M		77	5	20	28+	564	0	0	15	0	2.04	.64	18		5	2	0
MARTIN JUNCTION 2 NE	56.6	31.4	44.0		77	6+	18	11+	647	0	0	15	0	2.56	.82	18		7	2	0
WINTER 3 NW	56.5M	34.9	45.7M		79	6	21	11+	596	0	0	15	0	3.58	1.04	30		6	3	1
MONTGOMERY WSO AP	60.5	38.5	49.5	1.0	83	5	25	29+	479	0	0	12	0	3.10	.58	29		8	3	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
DECEMBER 1977

STATION	TEMPERATURE											PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
										MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	1.50 OR MORE	1.00 OR MORE
										30° OR ABOVE	32° OR ABOVE	32° OR BELOW	32° OR BELOW										
SELMA UNION SPRINGS 4 S  DIVISION  COASTAL PLAIN 07  ANDALUSIA 1 NW ATMORE BEATRICE 1 E BRANTLEY BREWTON 3 ENE  BREWTON 3 SSE CAMDEN 3 NW CHATON 4 N CLAYTON ENTERPRISE 5 NNW  EUFULA WILDLIFE REF EVERGREEN FRISCO CITY GENEVA 2 GILBERTOWN  GREENVILLE HEADLAND HIGHLAND HOME OZARK 6 NNW PITTSVIEW  THOMASVILLE TROY WHITLEY  DIVISION  GULF 08  BAY MINETTE 3 NNW COOEN DAUPHIN ISLAND 2 FAIRHOPE 2 NE MOBILE WSO AP  ROBERTS LAKE  DIVISION	61.0 59.2  46.6  60.9 62.2M 59.8M 60.0M 61.0  62.5 57.9 62.6 59.2 59.7  61.7 60.1 60.5 61.9M 61.0  59.5M 59.1 58.8 60.9 58.8M  58.8 59.9  47.8  62.9 62.1M 62.0 60.9 61.0  62.3  51.6	39.2 34.6  46.6  30.4M 38.1M 37.7M 31.6M 34.9  35.5 33.2 39.1M 35.2 36.4  37.4 34.3 35.4 36.2 35.5  32.6M 36.2 34.5 39.6 30.7M  34.4 37.6 33.7M  47.8  39.5 41.9M 46.5 40.7 40.6  39.0	50.1 46.9  46.6  45.7M 50.2M 48.8M 45.8M 48.0  49.0 45.6 50.9M 47.2 48.1  49.6 47.2 48.0 49.1M 48.3  46.1M 47.7 46.7 50.3 44.8M  46.6 48.8  47.8  51.2 52.0M 54.3 50.8 50.8  50.7	- .0 - 1.8  - 1.8  4.4 - .3 - 2.3 - 4.2 - 2.7 - 1.2  - 2.1 - 1.5 - 1.5 - 2.3  - 1.6 - 2.9 - 2.1  - 2.4  - 1.8	80 80  80  80 81 80 82 81  80 77 81 79 80  82 80 80 81 80  80 80 80 81 81  80 81 81 75 75  77	5 6  6  6 6 6 6 6  5 5 6 6 6  5 5 5 5 5  5 5 5 5 5  5	22 21  21  21 22 23 19 21  17 22 21 21 24  20 20 20 24 20  21 23 20 23 16  20 21 21 32 24  24 21 18	10+ 10  10  27+ 27 10 26 28+  27 11+ 27 10 28+  29+ 10 10 10 10 27+  10+ 10 10 26+ 27  11+ 10 27  28+	466 556   603 449 510 590 521  500 595 436 545 516  476 547 522 484 514  578 528 562 455 625  566 503  4.07  426 397 335 441 439  440	0 0   0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0	10 16   19 13 0 0 14  14 14 11 15 14  11 13 14 14 12  19 13 16 13 0  14 12 0 2 10 9  11	0 0   0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0	3.71 4.64  2.87  7.20 6.02 3.94 3.62 5.09  3.86 2.87 3.22 3.11 4.48  5.04 3.84 3.19 4.98 2.03  3.55 4.26 3.13 5.42 4.28  3.25 2.52 4.82  4.07  4.93 4.84 5.33 4.76 4.94  3.75  4.76	1.73 .52  - 2.35  1.80 - .52 - 1.43 - 1.39 - 1.42  - 1.42 - .52 - 2.30 1.22 - .90  - 1.91 1.16 - .98 -.08 - .78  - 2.40 - 2.43 - .80  - 1.22  -.53 1.77 2.85 1.87 1.46  - 1.27  -.56	1.01 .90   2.65 1.95 1.26 .80 1.92  1.29 1.05 1.15 1.10 .98  1.01 .88 1.02 1.22 .90  .91 1.16 .98 1.76 .78  1.06 .75 1.12  1.82 1.77 2.85 1.87 1.46  1.51	31 30   5 18 30 18 18  18 30 29 30 30  6 18 30 30 29  17 30 30 30 17  30  17	T .0  T  .0 0 0 0 0  .0 0 0 0 0  .0 0 0 0 0  .0 0 0 0 0  .0 0 0 0 0  .0 0 0 0 0  .0	0 0   0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0	6 9   10 7 8 9 8  7 7 6 10 5  6 8 9 9 9  7 5 8 8 8  6 5 7 6 8  6	4 4   4 4 4 2 3  4 3 4 4 1  3 1 1 2 1  3 1 1 1 1  4 1 1 1 1  4 1 1 1 1  4 1 2 2 3  3 1 2 2 3  3	1 0   2 3 1 0 1  1 1 1 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0 0 0 0 0  0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

 ALABAMA  
DECEMBER 1977

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																	
ATHENS 2	2.01	.11		.12	.18					.31				.50				.24	.13												.02		
BELLE MINA 2 N	2.20	.25		.01	.04		T		.22					.40				.16	.30				T		T		.40				.28	.03	
FALXVILLE 1 E	2.40	.06			.02	.25			.18					.41				.18	.27								.41			.45	.17		
HODGES	2.67	.29			.10				.32					.29				.25	.32								.60				.47	.03	
HUNTSVILLE WSO AP	2.25		T	T	.29	T			.03	.15				.31	T			.52			T		T			.55				.12	.26	T	
MOULTON 2	2.26	.08			.12				.22					.03	.50			.47				T				.40	.06			.04	.34	T	
MUSCLE SHOALS FAR AP	2.29		.01	.03	.04	T			.12	.22				.30	.01			.37				T				.09				.07	.13	T	
RED BAY		T		T										x	x	x	2.15																
RUSSELLVILLE 2	4.40	.32			.65	.07			.35					.27			x	1.80	.37				T				.23					.34	
* * * APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	1.87								.23					.34	.03			.71								.13				.41	.11	.01	
BIRMINGHAM WSO AP	2.08	.10	T		.02	T			.27					.08	.05			.76				T				.11				.32	.02	T	
BOAZ	2.98								.41						.32					.58				T			1.21				.30	.04	
COLLINSVILLE																																	
FORT PAYNE	3.18	.18				T	T		.34						.20			.68						T		T	1.55				.23		
GARDEN CITY	2.29								.37					.27				.39	.38								.39				.44	.05	
GUNTERSVILLE	1.50								.20							.12		.78												.40			
LEEDS	2.58	.30			.06				.16					.10				.68				T			T		.12			.40	.75		
ONEONTA	2.57	.14							.43					.20				.70									.74			.33	.03		
PALMERDALE 2 W	2.65	.12			.18				.40					.20				.80									.60				.35		
SAINT BERNARD	2.69			.04	.04				.29					x	.46		.20	.41					T			.85				.27	.13		
SAND MT SUBSTA AU	3.01	.10					.05		.44	.02				.20				.85									1.09				.24	.02	
SAYRE	2.85	.03							.70									.37	.30				T				1.00				.45		
SCOTTSDALE	3.61	.12						.78		.30								.61									.97				.50	.24	
VALLEY HEAD	3.12	.12		.03	.07	.03		.03	T	.26				.20				.63			T	T		T		.02	1.31			.35	.07		
WARRIOR 6 W	2.41	.20			.01				.33					.36				.09	.55					T		T	.44				.42		
* * * UPPER PLAINS 03																																	
ALICEVILLE	2.44	.07	T						.35					.58				.20	.60								x	x	x	x	x	.63	
ARLEY 3 S	2.73	.23			.01	.03			.90					.58				.21	.37								.40				.48	.10	
AUTLAUGVILLE 3 N	2.51	.29							.58					.58					.59							.47					.51	.07	
BANKHEAD LOCK AND DAM	2.86	.17							.19					.57				.80								.02	.21				.51	.02	
BROOKWOOD	2.41	.15			.35	.02			.20					.45				.30	.40								.28				.60	.03	
CARBON HILL	2.85							.02	.38					.83				.57									.48				.52	.04	
CENTREVILLE WSO	4.07	.32				T			.23	T				.33				1.72									.46				1.00	.02	
CLANTON	3.03	.22				.45			.25					.17	.57												.80				.45	.12	
CORDOVA 2 ENE	2.35	.25							.42									.04	.64												.46	.04	
DOUBLE SPRINGS	3.16			.14		.05			1.12					.55											.06			.50				1.24	
ELAND	2.39								.25					.60				.28	.35								.48				.43		
FAVETTE	2.05	.21							.86					.89				.34								.02	.18				.18	.06	
GORGES	3.37	.23			.02	T			.35					.42				.65										1.16			.51	.03	
HALEYVILLE 3 NE	3.78	.10	T		.49	T			.35					.01	.43			.46				T					.52	.95		.02	.44	.01	
HAMILTON 3 S	3.05	.14		.01	.18	.32	T		.46					.44	.01			.26	.24								.36				.58	.05	
JASPER 4 N	3.05	.19			.02				.35					.81	.03			.24	.35							.03	.40				.52	.10	
LAY DAM	2.00				.02				.21					.17				.56									.54				.40	.10	
MITCHELL DAM	3.53								.10		.27			1.80				.54									1.07				.47	.16	
PICKERSVILLE 2	2.73	.13			.18				.45					.01	.62			.75									.22				.37		
PLANTERSVILLE 2 SSE	3.52					.40			.20									1.10									.60				1.22		
REFORM 2 E	3.24	.23			.08				.45					.88				.35	.51						T		.10				.58	.05	
THORSBY EXP STATION	2.04								.20					.12				.68								.05	.40				.50	.09	
TUSCALOOSA FAR AP	3.20				.48				.24					.47				.77								.75				.46	.03		
TUSCALOOSA OLIVER DAM	3.08	.23							.21		.02			.52				.79									.72				.58	.01	
VERDON 2 N	3.04	.09							.53					.97				.45	.30								.10				.57	.03	
WEST BLOCTON	3.05	.35				.25			.15					.30				.10	.70								.55				.60	.05	
WINDFIELD 2 SW	2.33	.13		T	T				.50	T				.52	T			.18	.25								.09				.58	.06	
* * * EASTERN VALLEY 04																																	
ANNISTON FAR AP	1.92	T			.01	T			.27					.02	.16			.56					T			.33				.36	.21	T	
CALERA 2 SW	2.23								.10					.10				.78									.33				.10	.44	
CENTRE 4 SW	3.04			.26	T				.41					.38										</									

# DAILY PRECIPITATION

ALABAMA  
DECEMBER 1977

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PINE LEVEL	3.06	.15			.66	.53								.36				.66		.02						.10				1.10	.38	
SELMA	3.71	.54			T	.05				.07	T			.44				.66		.01						.43			T	.50	1.01	
SUTTLE	2.98					.78												.65								1.00					.95	
UNION SPRINGS 4 S	4.64	.32			.33	.62				.06	.25			.32				.77								.70					.80	.37
UNIONTOWN	2.09	.12								.19				.28				.68	.12							.12					.58	
WARRIOR LOCK AND DAM	2.90	.53				.10				.16				.43	.02			.84								.20			.06		.56	
X X X COASTAL PLAIN 07																																
ADDEVILLE 1 NNW	5.98	.45			1.46	.35				.15				1.23				.52		.03	.79					.23				.44	.33	
ALBERTA	3.05	.08				.58				.24				.34				.54								.34					.93	
ANDALUSIA 1 NW	7.20	.46			2.65	.47					.17			.60	.30	.02		1.07		.09					.02	.20				.83	.32	
ATHORE	6.02	.25			1.36					.07				.83				1.95		.20						.20				1.13	.03	
BEATRICE 1 E	3.94	.20			.50	.25				.10				.75				.05	.63											1.26	.20	
BRANTLEY	3.62	.32			.49	.26				.12	.12			.44				.80								.07				.68	.31	
BREWTON 3 ENE	5.09	.23			.94					.16				.32				1.92		.07	T					.27				.98	.20	
BREWTON 3 SSE	3.86				.50					.10				.40				1.29								.20				.70	.67	
BRUNINGDOL	3.73	.37			.56	.31				.14				.57				.44		.01						.12				.80	.41	
CAMDEN 3 NW	2.87	.13			.02	.05				.25				.10	.61			.54												1.05		
CHATON 4 N	3.22	.05			T	.18				.16					.18	.03		.99								.06			1.15	.28	.14	
CLAYBORNE	4.29	.23			.51	.12				.05	.25			.71				1.03		.03						.06				1.15	.15	
CLAYTON	3.11	.41			.37					.07				.07	.05			.46								.35				1.10	.23	
COFFEE SPRINGS 2 NW	4.10	.40			.30					.20				.55				.25							.90					.60	.60	
COTTONTON	3.00					.48				.21				.43				.33								.43				1.12		
ELBA	6.40	.45			2.65	.40				.25				.36				1.20			.34					.08				.55	.12	
ENTERPRISE 5 NNW	4.48	.48			.01	.98	.12							.69	.02	.02		.62		.05	.62				.03	.09				.47	.08	
EUFALULA WILDLIFE REF	5.04	.46				1.01		.61		.19				.54	.03			.42								.60				.81	.38	
EVERGREEN	3.84	.61			.60	.41								.43				.88		.02						.02				.75	.14	
FRISCO CITY	3.19				.14	.32				.53				.51				.64		.01						.02				1.02		
GENEVA 2	4.98				1.22	.01				.10				1.05	.20			.04	.25		.34			.50	.20	.43				.61	.03	
GEORGIANA	3.25	.43			T	.40	.35			.05	.10			.20				.65		.03		.34				.10			T	.76	.18	
GILBERTOWN	2.03					.39				.24				.24				.40												.90	.10	T
GREENVILLE	3.55					.68				.08	.09			.37				.80								.35	T			.91	.27	
HEADLAND	4.26	.32			1.16	.21				.02	.05			.94	.02			.01	.38		.03	.52				.18				.40	.02	
HIGHLAND HOME	3.13	.17			.41					.25				.19				.58								.30				.98	.25	
JACKSON	3.97					.91				.14				.49	.02			.05	.93							.10				1.32	.01	
KINSTON	3.50	.45			.47	.05				.12				.38	.01			.47							.01	.28				.72	.08	
LOUISVILLE	4.87	.47			1.25	.26				.02				.75				.57		.02						.15				1.00	.30	
MELVIN														.30	.15			.58												.18	1.00	
NEWTON	3.50	.50				.50				.20				.60				.30												.80		
OZARK 6 NNW	5.42	.41			1.76	.15				.11				.70				.70								.06			.05	.80		
PINE APPLE	3.83	.18			.25					.69				.66				.88			.58				.10	.22				.95	T	
PITTSVIEW	4.28	.29			.01	.49	.70			T	.16			.33	.04			.37				T				.66				.78	.45	
THOMASVILLE	3.25	.11				.54				.20	.10			.58				.61								.03				1.06	.02	
TROY	2.52				.10	.40				.16				.26				.75								.10				.75	T	
WALLACE 2 E	4.42				.95									.50				1.50								.27				.8	1.20	
WHITLEY	4.82	.17				.47				.62				1.12				1.05								.03				.98	.37	
X X X GULF 08																																
BAY MINETTE 3 NNW	4.93	.05			.09					.12				.70		T	T	1.82		.39						.13				.85	.78	
CODEN	4.84	.08			.09									.87				.05		.49						.50				.98	1.77	
DAUPHIN ISLAND 2	5.33	.31			.05									1.28				.07	.01		.11	.10				.12	.43			2.85		
FAIRHOPE 2 NE	4.76	.45			.07									1.55				T	T		.44	.13				.20				1.87	.05	
MOBILE WSO AP	4.94				.20	.02				.05				1.04	.13			1.46		.26					.10	.04				1.15	.49	T
ROBERTSDALE	3.75	.28			.18					T	.04			.89				T	.05		T	.50				.28				T	1.51	.02

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

ALABAMA  
DECEMBER 1977

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	65 45	48 29	51 37	61 42	70 57	60 29	35 13	35 15	56 30	36 12	30 15	43 22	53 34	57 46	63 42	59 34	60 36	62 32	58 31	62 37	45 24	35 22	43 27	62 38	60 29	38 14	34 17	35 21	37 15	42 25	43 36	49.6 29.2
BELLE MINA 2 N	MAX MIN	66 47	50 33	56 34	62 51	70 59	68 31	34 14	34 15	54 30	37 14	32 15	45 20	53 27	58 45	62 45	60 37	62 40	56 35	57 34	63 34	43 29	34 27	43 28	55 37	61 29	38 17	32 19	34 17	37 19	41 20	42 38	49.6 30.3
FALKVILLE 1 E	MAX MIN	67 47	52 34	58 35	63 51	71 60	69 32	35 16	36 17	55 34	38 16	30 15	45 11	54 32	60 46	63 46	64 39	63 45	57 34	60 33	65 40	46 22	35 25	55 38	62 33	40 17	35 17	36 20	39 18	46 22	48 39	51.4 30.9	
HUNTSVILLE WSO AP	MAX MIN	65 44	56 38	61 42	67 59	69 43	43 20	32 17	54 32	50 20	31 14	45 17	52 25	57 43	63 49	60 42	62 37	57 45	57 36	63 35	62 31	35 28	43 27	53 33	61 47	49 24	32 16	34 19	37 18	43 36	43 50	51.2 31.8	
MOULTON 2	MAX MIN	65 44	58 32	67 48	68 58	70 46	47 27	32 16	55 28	54 25	32 15	46 16	54 24	60 44	62 51	63 45	66 37	59 51	59 35	64 36	62 37	38 26	47 24	56 34	62 53	58 30	35 16	37 18	40 16	45 19	44 35	48 41	53.3 33.1
MUSCLE SHOALS FAR AP	MAX MIN	62 38	62 34	62 48	72 59	72 39	39 22	32 18	56 32	53 19	30 14	44 19	55 26	61 43	61 48	60 40	66 38	59 45	60 39	64 36	63 31	35 27	44 24	55 31	62 50	56 26	36 21	36 21	40 20	45 19	44 36	49 42	52.7 32.4
RED BAY	MAX MIN	66 45	64 38	50 48	64 60	70 50	30 30	38 11	55 32	57 26	36 16	12 12	25 25	60 40	60 52	69 40	67 31	65 43	62 30	68 29	67 31	26 21	26 20	26 20	26 20	26 20	26 20	26 20	26 20	26 20	26 20	26 20	26.3
RUSSELLVILLE 2	MAX MIN	65 44	47 27	58 29	67 52	61 29	31 13	34 14	53 30	36 12	34 11	44 15	51 23	58 46	58 40	63 31	63 43	60 30	57 29	61 31	40 21	32 20	41 20	64 28	35 13	34 13	32 12	37 13	42 13	42 36	48.0 25.9		
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	68 40	61 35	70 38	74 60	73 32	52 25	40 18	54 35	57 18	39 18	52 22	59 27	62 44	65 37	67 38	69 40	59 43	63 34	68 35	61 33	39 28	48 25	57 28	64 39	60 20	40 18	44 24	44 23	45 24	47 40	50 44	56.5 31.8
BIRMINGHAM WSO AP	MAX MIN	66 42	56 38	65 49	71 61	72 49	49 24	35 18	56 33	55 24	34 19	49 20	55 25	62 46	62 39	63 24	66 38	59 48	58 36	66 35	62 33	35 27	44 28	53 36	60 52	57 28	35 22	40 23	41 21	44 38	48 42	53.6 34.6	
GUNTERSVILLE	MAX MIN	64 35	65 34	59 39	65 57	72 63	65 30	37 16	49 19	55 11	35 13	42 22	40 11	53 19	53 18	65 49	60 46	62 43	61 26	61 39	63 30	63 22	65 24	41 26	50 30	48 26	52 22	53 28	59 30	55 25	45 10	47 31	55.0 28.9
ONEONTA	MAX MIN	65 46	55 34	54 35	64 52	70 61	72 34	39 15	33 18	45 32	44 15	43 17	20 20	54 24	60 45	63 45	58 33	63 35	57 36	59 30	67 33	48 24	33 23	45 27	55 38	62 42	42 20	35 17	40 18	39 16	49 36	43 39	51.6 30.4
SAINT BERNARD	MAX MIN	67 39	52 33	50 35	65 44	70 54	70 32	35 15	56 36	38 16	36 15	46 16	22 22	56 40	64 37	64 39	68 34	64 35	63 39	68 31	67 40	67 24	67 39	67 43	54 54	62 32	34 16	37 17	38 18	38 16	47 21	51.8 28.8	
SAND MT SUBSTA AU	MAX MIN	63 45	52 33	54 34	63 48	68 59	67 33	34 12	31 13	40 30	40 15	32 15	45 23	51 29	54 42	60 38	63 40	60 45	55 31	56 34	63 38	45 23	33 25	42 30	53 35	55 33	39 16	35 16	37 16	37 18	42 36	39 42	49.9 29.9
SCOTTSBORO	MAX MIN	65 46	52 32	57 34	64 43	75 59	69 32	36 12	33 14	53 33	40 15	41 14	47 18	52 25	61 44	64 40	65 30	63 35	57 34	58 29	65 36	47 23	34 28	45 27	55 36	60 32	42 17	34 17	40 16	38 15	39 18	42 37	51.3 28.7
VALLEY HERO	MAX MIN	63 46	52 30	56 31	60 36	67 51	70 32	33 10	31 11	48 30	41 12	33 13	43 14	53 30	59 42	63 38	65 33	65 39	55 31	54 26	63 29	48 20	32 24	44 24	52 30	58 32	39 15	32 14	38 11	39 12	42 14	40 36	49.6 26.3
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	70 47	53 38	60 41	70 43	74 61	71 34	40 19	40 21	61 39	43 19	39 19	52 22	57 31	63 48	60 46	58 37	69 46	60 32	64 33	69 40	50 25	38 22	48 25	57 35	59 43	44 21	46 23	40 25	41 23	43 24	44 40	57.3 34.7
BANKHEAD LOCK AND DAM	MAX MIN	69 48	54 37	58 38	64 48	69 54	69 36	43 21	46 22	55 22	42 19	35 18	43 22	55 26	59 47	59 41	60 42	67 40	60 37	59 36	59 29	35 27	44 28	57 35	59 43	44 21	46 23	40 25	41 23	43 24	44 40	52.8 33.0	
CENTREVILLE WSMO	MAX MIN	68 51	61 37	61 44	73 57	76 64	69 34	41 18	42 18	59 35	49 18	41 18	53 21	58 27	62 45	63 47	62 39	70 38	59 34	63 35	70 38	53 26	49 26	48 26	55 31	62 47	48 22	55 22	40 22	46 20	43 22	49 41	56.0 31.9
CLANTON	MAX MIN	67 50	58 35	60 37	73 48	75 59	78 33	42 18	44 19	56 32	51 18	42 20	52 23	56 27	62 45	61 37	65 35	68 37	59 33	62 35	70 34	58 24	41 23	47 25	54 28	60 48	52 20	41 21	48 21	43 19	44 22	48 42	56.0 31.1
DOUBLE SPRINGS	MAX MIN	67 42	60 40	62 43	65 50	71 63	68 30	36 15	36 17	54 30	40 15	46 20	45 20	55 30	58 45	60 42	64 37	66 44	59 32	60 33	63 37	55 30	48 21	50 24	54 28	56 44	40 23	42 13	39 16	38 15	43 26	47 38	53.2 30.4
FAYETTE	MAX MIN	61 48	55 43	61 39	67 50	74 60	69 36	40 19	40 35	59 20	49 17	41 20	53 21	58 24	62 42	63 41	65 35	64 33	57 33	63 32	64 33	50 29	57 26	49 26	57 36	64 21	44 20	40 19	43 24	43 19	47 43	48 43	53.6 31.2
HALEYVILLE 3 NE	MAX MIN	63 43	55 32	62 41	68 57	68 53	54 26	42 14	53 30	53 25	29 14	44 17	50 26	59 40	60 53	43 43	64 40	60 49	57 37	63 37	60 36	46 22	41 20	54 30	59 50	56 30	38 14	34 24	37 16	42 21	44 34	46 40	52.3 32.5
HAMILTON 3 S	MAX MIN	71 44	52 31	59 32	66 41	73 60	70 30	37 15	39 15	58 31	39 15	35 15	52 15	57 23	61 46	61 43	64 31	69 35	60 29	61 29	68 23	47 23	35 22	46 22	56 35	63 40	40 13	38 13	37 15	40 15	40 15	46 38	52.9 27.5
JASPER 4 N	MAX MIN	69 46	54 34	64 35	65 56	70 56	70 33	38 16	37 17	56 36	42 16	36 18	47 20	53 21	61 43	62 44	61 33	62 38	56 30	65 29	66 32	49 21	45 23	52 24	53 28	62 38	42 17	36 19	40 17	42 15	48 36	52.1 29.3	
THORSBY EXP STATION	MAX MIN	64 50	58 37	69 43	71 59	77 64	64 33	41 17	55 28	55 27	42 18	51 28	55 27	61 42	61 53	63 41	67 40	61 37	60 37	70 41	62 47	47 22	53 27	57									

# DAILY TEMPERATURES

ALABAMA  
DECEMBER 1977

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALERA 2 SW	MAX MIN	65 48	68 48	72 34	75 59	77 63	63 34	39 12	56 25	51 40	41 18	53 19	58 20	61 35	62 52	62 58	68 33	61 52	68 35	70 29	64 36	58 24	48 24	53 42	60 42	60 42	42 20	47 23	44 20	44 18	48 35	48 38	57.6 34.5	
CENTRE 4 SW	MAX MIN	66 48	56 34	56 33	64 42	70 51	74 34	38 15	34 19	56 32	46 17	37 18	45 23	55 34	62 44	65 41	61 33	62 41	58 37	57 29	65 40	50 25	36 28	44 25	57 33	61 38	43 20	34 18	40 19	39 16	42 24	40 37	52.0 30.6	
CHILDOERSBURG WTR PLANT	MAX MIN	67 50	59 36	69 38	74 59	70 60	68 35	37 13	58 28	56 41	42 20	50 21	57 21	63 38	65 55	65 51	68 35	65 50	65 35	70 30	67 40	51 25	47 25	55 27	62 52	61 44	45 21	46 22	43 18	45 37	48 42	50 47	57.7 35.5	
CROSDEN STEAM PLANT	MAX MIN	65 49	55 38	58 36	61 38	68 60	72 35	39 16	36 18	57 31	44 17	36 17	47 20	56 27	60 43	63 45	65 35	65 40	57 39	59 32	65 32	51 27	36 29	46 28	53 32	60 40	44 20	36 20	42 17	42 33	40 37	52.2 31.3		
TALLADEGA	MAX MIN	69 44	68 33	70 33	74 36	76 43	63 32	40 16		59 27	21 21	20 21	58 21	63 23	65 46	66 46	63 47	60 47	64 38	69 31	63 40	45 25	42 25		60 39	60 39	39 19	43 21	41 19	44 16	47 37	52 37	57.9 30.9	
PIEDMONT PLATEAU	05																																	
ALEXANDER CITY	MAX MIN																67 45	66 37	70 42	60 35	65 31	70 37	63 27	45 24	51 29	54 34	62 45	53 24	42 23	50 21	46 22	47 26	45 43	
ASHLAND 2 SSE	MAX MIN	63 55	57 42	56 42	67 36	70 57	74 34	37 22	36 15	55 26	51 23	38 16	48 22	53 23	58 37	64 47	64 42	63 44	56 40	57 34	67 33	58 27	40 23	45 21	51 26	58 45	46 19	34 20	43 16	41 18	47 20	42 38	52.9 31.2	
AUBURN AGRONOMY FARM	MAX MIN	65 52	56 41	58 38	70 44	71 56	79 35	43 19	42 22	56 32	54 20	43 21	50 26	53 33	64 49	69 43	64 42	64 44	56 40	59 34	68 34	65 27	45 25	47 27	52 34	59 49	56 21	40 21	47 22	45 23	48 32	45 40	55.9 33.7	
HEFLIN	MAX MIN	55 42	55 32	56 29	64 42	70 63	65 32	37 15	37 26	55 30	38 16	42 14	45 20	55 37	60 50	68 44	65 29	62 45	52 31	57 27	56 45	55 35	39 21	45 27	47 29	57 34	39 15	41 18	50 26	43 38	51 47	51.8 30.2		
LAFAYETTE	MAX MIN	65 49	59 38	72 42	73 42	78 63	62 30	42 21	58 21	56 31	43 21	52 21	56 21	62 31	70 47	66 57	67 47	59 37	61 47	69 35	67 50	51 26	50 22	52 29	59 48	40 34	50 18	46 18	50 21	43 35	55 41	57.8 34.5		
MARTIN DAM	MAX MIN	61 49	60 43	72 36	72 56	80 57	57 32	43 21	56 30	50 36	47 20	50 24	66 30	67 43	70 55	60 42	68 37	58 47	61 35	70 30	63 40	45 28	48 23	56 26	62 38	52 30	45 26	50 26	48 25	40 37	47 40	52 40	57.6 34.9	
OPELIKA	MAX MIN	65 54	58 41	59 36	68 42	74 63	79 30	49 21	42 21	56 31	55 21	43 21	44 21	51 31	62 47	69 40	64 37	67 54	54 36	60 31	69 47	67 28	45 25	48 25	52 28	56 23	38 22	41 23	48 22	45 19	46 41	55.5 31.4		
ROCKFORD 2 NNW	MAX MIN	65 50	60 37	58 37	71 51	73 58	77 33	42 18	41 18	55 34	55 18	41 19	53 20	53 28	63 45	62 43	64 37	65 39	58 36	60 36	68 36	60 23	47 23	52 33	51 44	40 18	39 14	47 19	44 19	46 20	46 36	55.3 31.4		
ROCK MILLS	MAX MIN	65 51	58 37	59 32	68 40	72 58	77 36	42 17	41 20	56 31	51 19	42 18	52 22	52 33	62 46	70 37	67 31	65 40	59 34	60 28	68 35	66 24	49 26	53 21	60 45	53 21	39 19	48 17	45 15	48 25	43 37	55.9 30.5		
PRAIRIE	06																																	
DAYTON 1 N	MAX MIN	68 49	59 38	63 45	75 56	78 62	78 33	42 20	60 35	62 35	50 20	40 22	50 27	59 38	63 51	62 43	64 42	64 52	62 36	65 36	74 44	55 28	43 23	49 29	54 34	61 34	50 26	45 34	47 22	46 23	45 37	50 45	57.5 36.1	
DEMOPOLIS LOCK AND DAM	MAX MIN	69 48	57 35	64 34	76 46	77 55	78 33	42 13	43 13	63 30	48 18	41 17	54 21	57 26	63 43	63 41	64 47	73 40	64 36	66 35	73 36	53 25	42 19	59 18	59 32	65 47	51 23	40 20	45 22	40 20	44 22	48 39	57.5 30.8	
GAINESVILLE	MAX MIN	68 47	56 40	63 42	75 49	75 61	74 34	42 21	42 22	62 31	46 20	40 21	54 23	58 29	63 48	61 42	61 42	72 46	63 39	67 40	71 29	53 49	39 19	49 25	58 37	63 39	45 23	40 24	44 23	39 22	43 26	48 42	55.9 33.9	
GREENSBORO	MAX MIN	66 43	63 36	75 46	77 58	78 59	77 31	43 19	61 33	57 31	40 19	42 21	52 28	62 43	63 51	66 43	71 42	62 49	66 35	72 38	62 40	60 19	49 22	57 33	62 49	60 22	58 24	47 21	49 22	50 34	56 45	58.8 34.9		
HAYNEVILLE	MAX MIN			70	71	75	80				56	22	55	55	65	68	70	68	70	71	71	65	29	59	60	55					51	55		
LIVINGSTON 2 SW	MAX MIN	65 37	66 44		75 46	77 53	74 30		20	24	64	47	48	56	60	66	67	69	72	72	71	72	60	50	55	60	64	46	47	40	38	49	55	60.2 32.8
MARION JUNCTION 2 NE	MAX MIN	68 49	57 37	61 39	75 44	77 57	77 33	42 18	42 18	59 34	57 22	42 18	53 20	56 25	64 44	61 44	63 41	73 41	55 34	63 34	73 35	55 25	44 20	47 23	57 31	62 47	50 23	40 31	47 20	40 20	43 21	50 41	56.6 31.4	
MINTER 3 NW	MAX MIN	66 52	59 41	60 40	74 54	76 60	79 36	43 22	41 24	59 34	52 21	43 21	53 27	58 31	64 43	62 45	63 41		61 43	63 41	73 34	55 27	44 23	47 24	56 34	62 51	54 22	40 29	49 23	41 24	46 30	53 42	56.5 34.9	
MONTGOMERY WSD AP	MAX MIN	70 46	63 44	77 45	78 58	83 54	54 32	45 26	62 34	60 32	47 26	56 28	59 33	68 45	67 54	67 46	71 44	63 52	65 40	73 37	65 41	46 32	50 27	60 32	65 35	61 28	45 25	52 35	46 25	50 25	53 42	54 47	60.5 38.5	
SELMA	MAX MIN	68 54	63 40	75 41	76 59	80 66	69 39	44 22	58 34	58 45	46 22	58 25	58 33	64 45	66 55	66 48	72 44	68 57	68 37	74 35	72 36	47 25	49 31	59 52	63 46	60 26	59 26	49 24	43 25	49 39	51 46	61.0 39.2		
UNION SPRINGS 4 S	MAX MIN	69 54	58 42	67 39	75 56	77 58	80 38	45 22	40 22	59 30	58 21	47 22	54 26	56 30	68 47	70 47	66 39	69 41	60 38	61 34	70 35	65 27	43 25	53 25	63 32	65 50	52 23	40 25	50 22	48 25	52 32	56 45	59.2 34.6	
COASTAL PLAIN	07																																	
ANDALUSIA 1 NW	MAX MIN	69 52	59 39	63 36	75 36	76 60	80 38	48 27	48 26	62 28	59 23	47 22	55 21	56 27	65 39	72 39	68 37	70 40	63 33	65 29	72 30	64 25	47 22	50 23	60 32	64 21	63 21	46 21	54 22	49 23	50 23	68 48	60.9 30.4	
ATMORE	MAX MIN	68 51	59 44	65 45	76 54	78 49	81 38	50 25	50 25	62 34	55 24	48 26	57 27	55 37	66 49	66 43	68 46	69 55	71 41	69 40	74 49	62 31	47 25	53 30	59 37	69 54	61 25	48 22	54 29	48 32	67 47	62.2 38.1		
BEATRICE 1 E	MAX MIN		69	65	76	77	80	48	43	57	60	45	51	61	68	69	68	72	61	66	67	61	49	49		65	44	47	46	51		59.8 37.7		

ALABAMA  
DECEMBER 1977

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CLAYTON	MAX MIN	68 53	59 42	64 43	71 48	73 54	79 38	45 21	46 23	60 31	59 21	43 24	50 26	53 32	68 44	70 48	67 45	66 48	66 46	62 40	70 45	65 27	45 23	48 25	60 35	63 41	59 23	43 25	50 22	49 25	53 31	60 43	59.2 35.2	
ENTERPRISE 5 NNW	MAX MIN	70 49	58 45	62 44	74 48	74 51	80 39	47 25	46 25	60 30	57 24	55 24	53 28	55 34	66 46	71 46	66 45	67 49	60 42	64 42	71 45	62 29	46 26	49 26	57 34	62 51	62 24	45 25	51 24	47 28	50 31	65 48	59.7 36.4	
EUFULA WILDLIFE REF	MAX MIN	68 50	58 45	73 39	75 54	82 55	80 40	45 24	60 24	58 40	52 20	52 26	55 26	69 42	69 54	68 45	65 38	63 51	63 42	72 34	70 47	64 26	54 26	60 38	62 47	62 44	44 25	53 23	50 21	53 20	58 36	55 45	61.7 37.4	
EVERGREEN	MAX MIN	69 49	57 41	62 43	75 43	77 56	80 39	48 23	46 25	62 32	60 22	44 24	54 24	60 33	65 45	65 39	65 40	70 49	63 34	65 33	74 37	62 26	47 21	50 23	59 34	65 54	59 20	45 21	54 24	47 26	50 35	63 47	60.1 34.3	
FRISCO CITY	MAX MIN	67 50	61 41	68 45	76 47	73 58	80 36	47 23	51 25	61 33	50 20	55 24	59 26	59 32	65 43	64 45	70 43	69 45	64 40	72 42	73 47	59 29	44 23	49 25	61 33	65 49	55 21	55 23	43 23	53 27	44 30	60 31	60.5 35.4	
GENEVA 2	MAX MIN	70 50	64 42	69 40	75 48	77 48	81 41	46 26	46 27	61 31	61 25	45 25	52 30	58 33	67 47	70 44	66 41	67 41	67 37	65 33	72 34	63 29	48 25	48 30	59 43	64 54	60 26	60 24	52 25	46 26	56 32	67 41	61.1 36.2	
GILBERTOWN	MAX MIN	69 43	63 37	75 42	74 40	79 44	80 35	45 23	64 33	59 41	42 22	53 22	59 23	62 39	64 49	65 51	71 43	69 57	65 31	75 33	69 46	50 26	48 20	60 29	66 54	65 37	50 20	49 20	44 29	43 27	54 38	59 46	61.0 35.5	
GREENVILLE	MAX MIN	67 50	61 41	73 44	75 44	80 57	80 36	45 22	59 21	58 32	58 21	42 22	52 27	58 28	68 46	65 39	66 35	71 52	60 32	64 31	72 32	60 25	45 23	49 24	57 30	63 54	56 49	42 22	51 23	45 22	49 31	57 46	59.5 32.6	
HEADLAND	MAX MIN	70 56	60 46	60 41	74 46	72 52	80 41	49 25	44 26	59 30	61 23	43 24	51 26	55 33	65 46	68 47	65 44	65 46	63 43	63 38	70 40	62 31	48 25	48 27	58 37	62 49	62 25	45 26	52 24	44 25	52 35	63 42	59.1 36.2	
HIGHLAND HOME	MAX MIN	70 58	58 41	61 41	73 54	75 56	80 36	45 22	43 22	60 30	58 20	43 22	53 27	59 27	68 42	67 46	70 44	59 44	64 40	72 40	61 42	45 22	49 22	58 32	62 52	57 22	42 24	51 23	44 25	52 25	57 45	58.8 34.5		
OZARK 6 NNW	MAX MIN	67 54	61 45	72 46	74 56	80 61	75 40	46 23	59 28	56 49	50 23	52 25	54 32	64 47	69 58	65 48	66 48	60 51	63 43	70 44	68 56	56 29	48 24	56 32	55 32	62 54	52 23	52 27	50 25	50 27	63 39	70 47	60.9 39.6	
PITTSVIEW	MAX MIN	67 55	60 40	60 32	74 44	70 55	81 39	49 21	43 20	60 30	57 19	45 17	52 20	54 44	69 44	70 42	66 35	68 35	68 35	62 26	70 24	69 24	47 23	49 23	58 58	60 49	62 21	43 18	52 17	42 16	53 19	52 30	58.8 30.7	
THOMASVILLE	MAX MIN	67 50	63 39	65 42	75 56	77 59	79 34	46 21	46 21	63 30	53 20	44 20	56 25	61 29	63 46	65 45	65 44	72 47	64 35	66 35	69 43	59 28	44 22	50 22	58 36	64 48	53 21	43 21	50 24	42 25	46 34	54 45	58.8 34.4	
TROY	MAX MIN	66 48	61 42	72 44	74 53	81 63	71 35	41 22	60 30	56 41	43 21	53 24	54 32	67 44	70 51	67 46	67 45	59 50	63 38	70 40	65 50	50 26	49 22	57 31	58 48	62 38	60 22	52 25	45 23	51 28	61 38	53 45	59.9 37.6	
WHITLEY	MAX MIN	79 45	80 49	81 48	74 53	74 60	74 47	62 20	62 27	60 40	55 21	60 20	60 24	42 21	53 20	44 24	39 42	65 53	67 44	67 39	67 55	55 31	50 19	58 26	65 45	60 40	60 19	58 18	52 24	47 24	59 37	59 46	33.7	
GULF	08																																	
BAY MINETTE 3 NNW	MAX MIN	67 50	66 42	75 48	77 56	80 59	73 40	51 23	63 32	61 43	48 22	54 32	60 32	65 47	68 52	67 46	69 46	71 56	67 38	73 44	65 53	54 25	51 24	60 32	66 56	66 50	50 22	54 23	48 26	51 32	65 41	65 47	62.9 32.9	
COOEN	MAX MIN	69 49	64 46	73 46	75 60	75 68	70 42	51 25	67 32	61 48	49 26	54 27	60 32	66 50	65 54	66 44	66 50	70 47	69 48	63 54	55 30	64 25	62 50	51 24	50 23	47 28	54 42	62 52	61 51	62.1 41.9				
ORUPHIN ISLAND 2	MAX MIN	71 53	71 52	67 55	73 64	73 67	75 47	54 34	59 35	66 58	63 32	45 32	52 35	56 45	65 53	67 50	62 50	63 50	69 50	70 54	70 54	62 41	47 35	52 42	59 52	63 55	67 35	45 35	50 37	55 37	65 54	65 50	62.0 46.5	
FAIRHOPE 2 NE	MAX MIN	69 52	58 45	64 45	74 60	75 64	74 44	50 26	50 26	65 37	63 26	47 27	55 33	60 36	67 52	65 46	65 45	68 55	73 46	65 47	70 56	63 37	45 28	48 32	61 47	66 52	60 26	42 25	51 24	47 31	63 43	64 49	60.9 40.7	
MOBILE WSO AP	MAX MIN	62 49	65 46	73 50	75 62	79 56	56 32	51 26	62 34	60 34	46 26	54 26	60 34	64 51	66 52	67 44	67 53	70 49	67 39	72 49	61 40	46 30	50 26	61 35	65 56	63 36	47 27	54 25	45 28	54 40	66 53	63 51	61.0 40.6	
ROBERTSDALE	MAX MIN	70 53	59 46	66 46	74 51	77 60	74 47	52 27	52 26	69 36	63 27	49 27	56 27	61 37	68 52	67 44	69 45	66 55	74 42	67 40	73 42	62 34	41 26	50 27	63 36	67 56	62 28	48 24	53 24	48 31	64 43	66 50	62.3 39.0	

# DAILY SOIL TEMPERATURES

ALABAMA  
DECEMBER 1977

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)																																	
	2	MAX MIN	62 56	59 49	62 45	67 46	67 57	71 45	49 36	43 34	53 43	55 33	49 33	51 33	51 43	57 47	67 48	63 47	63 45	58 45	59 41	61 42	64 39	49 36	50 37	50 36	54 48	60 35	49 35	48 35	44 34	42 35	46 40	55.6 41.2
	4	MAX MIN	63 59	61 54	59 47	62 47	64 56	70 52	53 41	49 40	53 47	53 36	46 35	48 35	50 41	58 48	63 52	60 50	59 46	55 47	56 43	58 45	63 44	48 41	50 40	47 37	52 47	56 38	46 37	48 39	45 38	43 38	45 41	54.3 43.9
	8	MAX MIN	62 60	60 53	57 49	59 49	61 56	65 51	51 43	48 42	51 48	52 48	45 39	46 39	47 40	55 47	59 52	57 49	56 49	54 50	54 46	54 46	58 45	47 41	46 40	46 40	51 46	54 41	45 39	40 39	41 38	41 38	44 41	51.8 45.1
BREWTON 3 ENE	(IN)																																	
	4	MAX MIN	65 59	62 53	63 51	65 51	66 55	72 53	58 41	54 40	57 40	55 38	47 37	51 37	54 39	58 46	62 49	65 49	61 51	60 48	59 45	61 45	61 43	49 38	50 38	50 40	58 49	60 39	49 37	50 37	50 38	47 39	58 47	57.3 44.3
HEADLAND	(IN)																																	
	4	MAX MIN	66 61	62 55	60 51	63 51	65 55	70 55	55 41	48 46	51 48	53 39	45 36	45 37	50 40	57 46	60 53	60 51	60 49	60 51	56 45	58 45	58 45	50 39	57 37	51 40	55 49	55 38	46 39	47 36	45 37	45 35	53 44	55.0 45.0
PITTSVIEW	(IN)																																	
	4	MAX MIN	64 62	62 55	61 51	63 51	65 56	69 55	58 43	52 42	54 42	55 40	49 40	50 40	49 40	57 48	62 52	63 49	- -	61 51	54 45	57 45	62 45	52 41	51 41	52 41	54 50	60 41	50 41	51 40	47 40	45 39	52 45	56.0 45.7
THORSTON EXP STATION	(IN)																																	
	4	MAX MIN	60 59	62 52	63 53	64 57	65 60	60 52	53 43	55 48	55 54	54 41	51 40	53 43	55 49	58 55	60 53	59 51	59 52	59 50	59 48	58 47	55 45	50 40	50 41	51 49	56 51	51 41	50 41	49 39	50 36	51 45	51 44	55.7 47.7
WINFIELD 2 SW	(IN)																																	
	4	MAX MIN	61 55	56 47	57 50	57 57	62 57	64 49	50 40	47 42	50 41	51 39	44 38	45 38	48 45	52 48	56 51	60 46	57 55	55 46	54 45	55 50	53 41	41 39	47 40	49 46	54 46	51 39	44 38	45 37	41 36	40 36	45 40	51.3 44.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
DECEMBER 1977

STATION		DAY OF MONTH																															TOTAL OR AVG.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																			
HUNTSVILLE W50 AP		EVAP	.11	.05	.02	.02	.25	.12	-	-	-	-	-	-	.02	.10	.17	.13	.13	-	.13	-	-	-	-	.07	.14	-	-	-	-	-	-		
		WIND	148	19	54	74	184	222	-	110	128	175	118	45	46	69	90	59	59	132	66	38	137	112	53	125	93	140	87	74	33	36	97	19	2842
		MAX	62	56	56	63	63	54	-	-	-	-	-	-	50	60	61	58	54	55	57	56	-	-	46	56	55	-	-	-	-	-	-	-	
		MIN	48	38	42	54	54	32	-	-	-	-	-	-	51	48	39	45	40	39	41	-	-	-	35	46	35	-	-	-	-	-	-	-	
PIEDMONT PLATEAU 05																																			
AUBURN AGRONOMY FARM		EVAP	.01	.07	.04	.08	.08	-	-	-	-	-	-	-	.06	.04	.06	.08	-	.10	.15	-	-	-	-	-	-	-	-	-	-	-	-		
		WIND	78	36	15	61	92	118	110	37	57	104	61	45	52	63	29	16	57	56	38	57	67	86	30	58	88	78	37	70	16	63	45	1820	
		MAX	63	59	56	64	66	74	46	40	47	52	41	41	45	58	69	65	63	55	58	61	66	44	45	47	54	59	41	46	41	40	44	53.2	
		MIN	54	43	39	39	54	38	29	29	33	32	32	32	34	43	47	44	44	44	39	39	36	32	33	35	46	33	33	32	32	34	40	37.9	
MARTIN DAM		EVAP	.08	.05	.05	.04	.13	.10	.06	.10	.03	.14	.10	-	.04	.09	.04	.09	.06	.07	.08	.07	.05	.04	.04	.13	.07	.08	.06	-	-	.03	2.208		
		WIND	18	13	42	50	50	52	11	59	43	60	50	80	54	18	23	28	29	13	36	33	15	15	51	55	66	21	56	18	21	38	20	1138	
PRAIRIE 06																																			
DEMOPOLIS LOCK AND DAM		EVAP	-	.21	.05	.06	.09	.18	-	-	.10	-	-	-	.01	.03	.08	.08	.07	.08	.10	-	-	-	.07	.10	-	-	-	-	-	-	-		
		WIND	101	60	29	73	129	143	155	46	103	134	73	29	59	61	12	10	71	57	40	70	100	101	32	67	109	123	54	85	17	72	31	2246	
		MAX	69	77	67	69	72	72	-	47	57	-	-	-	54	59	61	65	67	62	60	64	-	-	54	50	59	-	-	-	-	53	47	-	
		MIN	53	44	44	48	58	41	-	34	36	-	-	-	32	45	50	46	46	41	40	40	-	-	43	46	50	-	-	-	33	38	-		
COASTAL PLAIN 07																																			
HEADLAND		EVAP	.01	.08	.03	.04	.17	.26	.01	.05	.09	-	-	-	.03	.04	.03	.04	.04	.24	.01	.03	.10	-	.08	.04	-	.08	-	.06	.04	.02	.01	2.028	
		WIND	71	63	58	67	70	77	59	42	58	54	41	43	48	60	66	64	63	61	58	61	59	50	43	53	57	62	42	46	43	44	56		
		MAX	71	63	58	67	70	77	59	42	58	54	41	43	48	60	66	64	63	61	58	61	59	50	43	53	57	62	42	46	43	44	56		
		MIN	58	53	44	44	52	45	31	30	35	31	31	32	34	44	51	50	50	41	41	41	35	31	32	34	46	33	31	33	32	33	44	39.4	
GULF 08																																			
FAIRHOPE 2 NE		EVAP	-	.03	.02	.01	.01	.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		WIND	40	11	5	12	39	83	66	13	9	78	19	15	17	18	13	8	10	33	17	27	60	53	14	1	30	27	11	12	6	29	20	796	
		MAX	65	59	58	69	71	75	50	41	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		MIN	54	47	47	58	58	44	34	34	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# SNOWFALL AND SNOW ON GROUND

ALABAMA  
DECEMBER 1977

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHERN VALLEY 01																																
HUNTSVILLE WSO AP	SNOWFALL SN ON GND WTR EQUIV						T		T													T									T	
MOULTON 2	SNOWFALL SN ON GND																					T									T	
MUSCLE SHOALS FAR AP	SNOWFALL SN ON GND						T															T									T	
RUSSELLVILLE 2	SNOWFALL SN ON GND						T															T									T	
APPALACHIAN MOUNTAINS 02																																
BIRMINGHAM WSO AP	SNOWFALL SN ON GND WTR EQUIV																					T									T	
GUNTERSVILLE	SNOWFALL SN ON GND																						T									
SAINT BERNARD	SNOWFALL SN ON GND																						T									
VALLEY HEAD	SNOWFALL SN ON GND						T	T	T														T									
UPPER PLAINS 03																																
CENTREVILLE WSMO	SNOWFALL SN ON GND																							T								
HAMILTON 3 S	SNOWFALL SN ON GND							T																T								
TUSCALOOSA FAR AP	SNOWFALL SN ON GND																							T								
VERNON 2 N	SNOWFALL SN ON GND																															
EASTERN VALLEY 04																																
ANNISTON FAR AP	SNOWFALL SN ON GND						T																									
CENTRE 4 SW	SNOWFALL SN ON GND																															
PIEDMONT PLATEAU 05																																
AUBURN AGRONOMY FARM	SNOWFALL SN ON GND																															
LAFAYETTE	SNOWFALL SN ON GND																															
PRAIRIE 06																																
GREENSBORO	SNOWFALL SN ON GND																															
LIVINGSTON 2 SW	SNOWFALL SN ON GND																															
MONTGOMERY WSO AP	SNOWFALL SN ON GND WTR EQUIV																															
SELMA	SNOWFALL SN ON GND																															

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## STATION INDEX

ALABAMA  
DECEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLSON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	MID	MID		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTOGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MID	MID		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MID	MID		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS CLARA T PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARSON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
CODEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		5P			R O HEARD
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON

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## STATION INDEX

ALABAMA  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY
GUNTERVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C H	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEARLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MIO	MIO	MIO	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFREDO S ADAMS
MILSTERO	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO			FAA
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	ORLE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	ORLE	5	31 31	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	5468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			CLOSED 9/30/77
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSOALE	6988	08	BARLOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MIO		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	OE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
DECEMBER 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		C H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	OE KALB	7	34 34	85 37	1040	7A	7A		C H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	B188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
CLOSED STATIONS												
PRATTVILLE	6640	03	AUTAUGA	1	32 29	86 29	295	8A	8A			CLOSED 9/30/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More 50 or More	1 or More	None or None
										90° or Above	80° or Above	70° or Above	60° or Above														
JULY 1977 RED BAY	93.5M	71.1M	82.3M						0	0	0	0	1.80		.70	22	.0	0		5	2	0					
AUGUST 1977 VERNON 2 N	91.9	66.2	79.1		96	25+	59	19	0	24	0	0	0	1.06		.64	23	.0	0		2	1	0				
OCTOBER 1977 FAIRHOPE 2 NE	75.8	54.3	65.1	- 3.9	90	1	40	15	86	1	0	0	0	4.13	1.09	.87	26	.0	0		6	5	0				

See Reference Notes Following Station Index



# LATE REPORTS DAILY PRECIPITATION

ALABAMA

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • • MAY 1977																																	
SUTTLE	.32									.22										.10													.
• • • JUNE 1977																																	
WETUMPKA	4.20							.21										.34	T	.75	.67				.58	.08				1.57		.	
• • • JULY 1977																																	
MELVIN PICKENSVILLE 2 REO BAY	6.99 5.08 1.80					.46					.26 •		1.15 •			.75 .76	T	.34	.25 .06	.04	.40	.13			•	.07	.91	1.25 .22	1.05 .50	.67 .20 .10	1.10 .10	1.62	.
• • • AUGUST 1977																																	
NEWTON VERNON 2 N	- 1.05	.50	-	-	-	-	-		.40		.40	.30					.08	•	•	.28	•	2.00			.06	.64		.50	•	.50		.	
• • • OCTOBER 1977																																	
FAIRHOPE 2 NE	4.13	.74	.04								.62		.26	.76													.84	.87					.

See Reference Notes Following Station Index

# LATE REPORTS DAILY TEMPERATURES

ALABAMA

Station				Day of Month																															Average
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • •	MAX																																		
	MIN																																		
JULY	MAX																																		
	MIN																																		
REO 8AY	MAX	92			98	98	100		100	101	100			86	89	92	96	101	95	90	95	95					94	86	89	91	88	82		92	93.5
	MIN	73	68	95	70	71	71		74	74	73			70	69	71	68	70	68	69	72	71					73	75	74	69	72	72		68	71.1
• • •	MAX																																		
	MIN																																		
AUGUST	MAX																																		
	MIN																																		
VERNON 2 N	MAX	90	90	92	85	86	92		94	95	96		96	94	94	93	93	95	93	95	88	87	89	92	89	93	94	96	89	91	91	91	92	95	91.9
	MIN	68	65	65	67	65	68		69	67	66		70	63	65	65	67	67	69	73	71	59	62	60	63	63	66	67	70	72	67	66	65	65	66.2
• • •	MAX																																		
	MIN																																		
OCTOBER	MAX																																		
	MIN																																		
FAIRHOPE 2 NE	MAX	90	87	88	73	73	78		81	82	85		75	72	65	66	64	68	74	69	69	73	80	74	78	80	75	72	77	76	75	74	77	79	75.8
	MIN	75	75	55	50	50	55		59	59	68		50	50	54	42	41	40	49	41	41	42	59	48	50	56	59	64	61	59	54	55	59	63	54.3

## EVAPORATION AND WIND

Station				Day Of Month																															Total or Avg.	
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * *	OCTOBER 1977			EVAP	.17	.12	.14	.22	.14	.11	.16	.13	.20	.18	.11	.08	.19	.14	.12	.13	.17	.14	.09	.13	.11	.13	.09	.07	.06	.07	.12	.13	.07	.08	.10	3.90
FAIRHOPE 2 NE	WIND	8	22	47	38	15	10	11	8	18	24	15	30	60	33	17	21	27	16	17	15	7	10	11	13	28	9	17	19	10	9	12	597			
	MAX	98	94	92	80	80	79	87	86	91	82	81	64	71	69	72	78	75	73	75	84	74	81	82	75	70	78	81	78	74	81	82	79.6			
	MIN	76	76	58	52	52	56	61	60	67	53	51	55	44	44	46	49	48	47	49	57	52	52	55	59	60	63	58	56	57	61	64	56.1			

## CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
MAY 1977	DAILY PRECIPITATION	APPALACHIAN MOUNTAINS 02	WARRIOR 6 W	TOTAL, MISSING. AMOUNT ON 22D-23D, MISSING.

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SOIL TEMPERATURES TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thorsby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

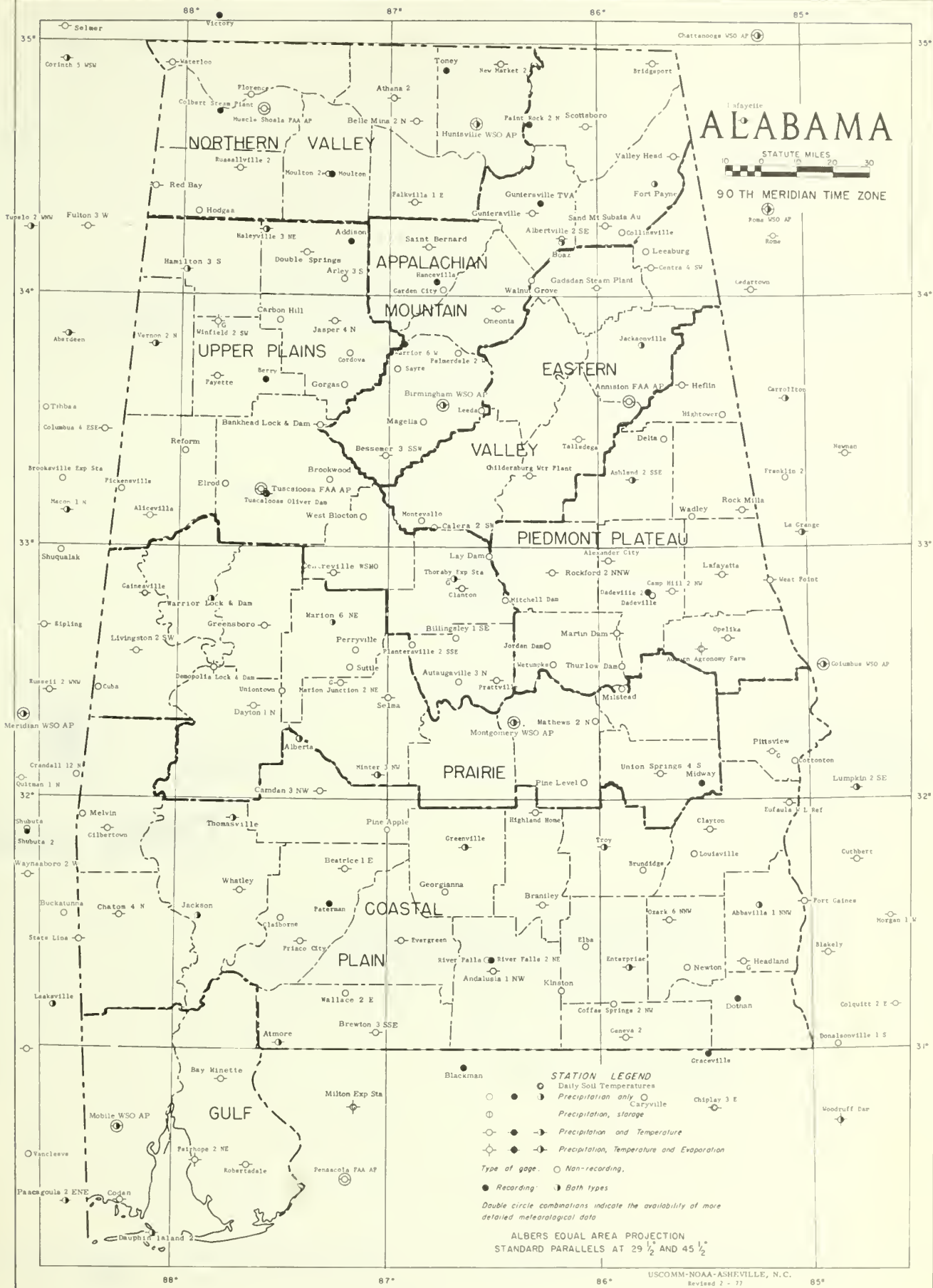
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTAHOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



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NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

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**THIRD CLASS**



# CLIMATOLOGICAL DATA

## ANNUAL SUMMARY



ALABAMA

1977

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

Table 1

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA  
1977

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
NORTHERN VALLEY 01																										
ATHENS 2	26.2		40.5		53.6		62.9		69.9		75.9		80.6		79.1		73.3		57.4		52.2		39.4		59.3	
BELLE MINA 2 N	26.8		40.5		54.2		62.9		70.8		75.9		81.1		79.3		73.3		57.3		52.2		39.4		59.3	
FALKVILLE 1 E	27.4		40.0		54.1		62.8		68.9		75.3		80.3		79.3		72.3		56.2		53.0		41.2		59.2	
FLORENCE	29.8		45.2		57.7		66.1																			
MUNTSVILLE WSO AP	28.7	-12.2	42.4	-1.2	55.3	4.5	63.6	1.9	71.5	1.9	77.2	.3	82.7	3.2	80.2	1.2	73.6	.7	58.3	-3.9	52.7	2.4	41.5	-.9	60.6	-.2
MOULTON 2	29.8		43.4		55.9		65.0		71.9		77.9		82.2		80.8		75.0		58.7		53.9		43.2		61.5	
MUSCLE SHOALS FAA AP	27.0	-14.3	42.1	-2.1	56.2	5.0	64.5	2.4	72.3	2.5	78.0	-.6	82.5	2.4	80.6	1.4	75.3	2.4	60.4	-1.8	54.6	4.1	42.6	-.5	61.3	.1
NEW MARKET 2	28.2		41.9																							
RED BAY	31.1		45.0		58.1		66.4		73.8		78.9		83.3		81.2		76.9		60.3		55.6					
RUSSELLVILLE 2	26.7		39.7		52.7		61.7		69.6		75.3		79.8		78.0		71.0		55.0		50.0		37.0		58.0	
DIVISION	28.2	-13.0	42.0	-2.1	55.3	4.4	64.0	2.3	71.1	1.7	76.8	-.1	81.4	2.1	79.8	1.2	73.8	1.2	58.0	-3.9	53.1	2.7	40.7	-2.1	60.4	-.4
APPALACHIAN MOUNTAINS 02																										
ALBERTVILLE 2 SE	29.4	-11.5	43.4	.3	55.8	5.7			72.5		79.1		82.0				76.4		60.8		54.0		44.2			
BESSNER 3 WSW	31.6	-12.6	44.8	-2.1	57.3	4.0	65.2	2.0	72.4	1.9	79.8	2.4	83.4	3.5	82.1	2.9	75.7	1.8	59.9	-3.4	53.0	2.9	44.1	-1.1	62.6	.2
BIRMINGHAM WSO AP	32.1		41.0		54.7		64.9		71.6		77.0		82.2		80.5		74.5		58.8		52.0		42.0		60.9	
GUNTERSVILLE	28.7	-13.2	40.8	-3.8	53.6	2.5	62.3	.7	70.1	1.0	77.7	1.8	81.2	2.8	80.3	2.4	73.7	1.3	57.8	-3.7	53.3	2.9	41.0	-2.2	60.0	-.7
ONEOTA																										
SAINT BERNARD	28.7	-12.2	40.8	-2.7	54.5	4.2	63.5	2.5	70.4	1.7	77.4	1.7	81.9	3.0	80.3	2.7	73.8	1.8	56.5	-4.8	52.9	3.4	40.3	-1.6	60.1	.0
SAND MT SUBSTA AU	27.0		40.0		53.6		62.6		69.2		75.2		79.5		78.6		73.0		57.1		52.0		39.4		58.9	
SCOTTSBORO	26.8	-14.3	39.3	-4.7	53.8	3.2	62.2	1.3	69.4	.4	75.5	-.3	80.5	1.9	78.6	.9	73.5	1.4	57.1	-4.3	51.9	2.1	40.0	-2.3	59.1	-1.2
VALLBY HEAD	25.6	-14.0	36.2	-5.8	50.3	1.8	60.1	1.0	66.8	-.1	72.2	-1.8	77.7	.9	77.0	.8	72.1	1.4	54.6	-5.1	50.9	2.8	38.0	-2.8	56.8	-1.7
DIVISION	28.7	-13.3	41.3	-3.4	54.4	3.2	63.2	1.7	70.3	1.3	76.7	-.8	81.1	2.6	79.9	2.1	74.1	1.7	57.8	-4.0	52.8	2.4	41.1	-2.0	60.1	-.6
UPPER PLAINS 03																										
ALICEVILLE							65.2		72.7		80.6		82.7		81.0		75.9		60.0		55.2		46.0			
BANKHEAD LOCK AND DAM	33.1		43.7		56.7		65.3		73.8		80.5		83.9		81.9		75.8		59.4		54.4		42.9			
CENTREVILLE WSO	32.2		44.8		56.8		65.0		71.9		79.9		82.2		80.3		74.5		60.6		55.6		44.0		62.3	
CLANTON	32.6	-12.0	44.3	-3.1	56.5	3.0	64.4	1.1	71.5	.4	79.8	2.2	81.4	1.4	79.5	.3	74.9	.9	60.5	-2.9	55.3	3.0	43.6	-1.9	62.0	-.7
DOUBLE SPRINGS	28.1		40.5		54.6		62.4		70.4		77.1		81.0		79.6		74.2		57.3		53.7		41.8		60.1	
FAYETTE			43.2	-3.4	55.8	2.7	64.6	1.7	70.6	.4	78.3	1.0	82.3	2.7	80.3	2.0	75.2	2.0	59.6	-3.3	54.6	2.9	42.4	-2.2		
HALEYVILLE 3 NE	28.9	-12.5	43.7	-1.1	55.9	5.6	63.9	2.7	70.3	1.6	76.6	.9	79.2	1.7	77.7	.0	73.1	1.0	57.2	-4.9	53.0	2.6	42.4	-.4	60.2	-.2
HAMILTON 3 S	27.9		39.4		53.7		61.9		69.7		75.7		80.4		78.3		73.4		56.7		52.3		40.2		59.0	
JASPER 4 N	28.9		42.9		53.7		61.7		69.3		78.0		81.4		79.6		73.5		57.7		52.6		40.7		60.0	
PRATTVILLE	35.8	-11.8																								
THORNBURY EXP STATION	34.3		47.6		59.5		65.9		72.7		80.3		80.1		78.5		75.7		61.9		56.5		46.0		63.3	
TUSCALOOSA FAI AP	33.1	-11.9	45.0	-3.1	55.9	5.4	64.0	-.1	72.1	.2	79.2	.9	81.1	-.1	79.2	-.4	74.9	-.4	60.2	-5.6	53.8	1.0	42.4	-3.7	62.1	-1.5
TUSCALOOSA OLIVER DAM	32.9		44.9		56.8		64.6		72.7		79.4		82.1		81.4		76.5		60.9		56.5		45.0		62.8	
VERNON 2 N	29.8		41.9		54.8		62.9		70.4		77.6		80.5		78.6		73.9		58.5		53.8		41.7		60.4	
WINFIELD 2 SW	29.3		41.8		52.4		61.1		70.3		77.0		80.1		77.8		73.0		57.0		52.7		41.2		60.4	
DIVISION	31.3	-13.0	43.4	-3.7	55.9	2.5	63.8	.5	71.3	.5	78.6	1.0	81.3	1.3	79.4	-.1	74.7	.7	59.0	-4.5	54.3	2.1	42.9	-2.4	61.3	-1.3
EASTERN VALLEY 04																										
ANNISTON FAA AP	32.2		44.1		57.1		65.7		71.9		79.1		81.9		81.0		75.5		60.0		55.8		44.7		62.4	
CALERA 2 SW	34.5		45.7		57.5		65.1		73.4		79.0		81.1						61.1				46.1			
CENTRE 4 SW	29.6		40.7		55.0		63.6		70.7		77.4		80.5		79.7		73.5		58.0		53.1		41.3		60.2	
CHILDERSBURG WTR PLANT	34.5		46.2		57.8		66.1		71.7		78.6		82.8		81.3		76.3		60.5		57.3		46.6		63.5	
GOSSDEN STEAM PLANT	29.7	-13.1	41.5	-4.1	54.8	2.7	63.5	1.5	70.5	1.0	77.6	1.1	80.6	1.4	79.6	1.0	74.0	.8	58.7	-3.3	53.8	2.9	41.8	-1.8	60.5	-.8
TALLADEGA	31.5	-13.5	44.0	-3.7	57.2	3.3	63.8	.6	69.4	.9	78.6	1.7	81.7	2.4	80.7	2.0	75.9	2.2	58.6	-4.5	57.5	5.1	44.4	-1.3	61.9	-.6
DIVISION	32.0	-11.9	43.7	-3.0	56.6	3.6	64.6	2.1	71.3	1.4	78.7	2.0	81.4	2.1	80.5	1.8	75.0	1.7	59.4	-3.2	55.5	3.9	44.2	-.5	61.9	-.0
PIEDMONT PLATEAU 05																										
ALEXANDER CITY	33.1		44.8		57.1		65.2		72.2		79.6		80.9		78.8		74.4		61.5		53.8		42.1		59.8	
ASHLAND 2 SSE	29.6		41.8		54.5		62.3		69.3		76.5		78.8		77.7		73.4		58.3							
AUBURN AGRONOMY FARM	34.3	-11.3	46.1	-2.5	58.0	3.5	66.0	2.3	72.8	1.4	79.7	2.0	80.7	1.0	79.3	.0	76.2	1.4	61.0	-4.1	57.0	2.9	44.8	-2.2	63.0	.5
CAMP HILL 2 NW	31.9		42.4		55.4		62.2		68.0		75.7															
HEFLIN	28.8		39.1		51.8		62.2		68.0		75.7		80.0		77.7				56.7		52.4		41.0			
LAFAYETTE	34.1		46.4		58.9		66.4		72.5		79.9		81.4		79.1		74.9		60.9		58.1		46.2		63.2	
MARTIN DAM	34.5		45.3		58.7		64.9		71.9		79.2		81.0		79.5		76.1		61.8		58.1		46.3		63.1	
OPELIKA	33.3		43.4		56.5		63.4		71.2		78.8		81.4		79.1		75.4		60.1		56.5		43.5		61.9	
ROCKFORD 2 NNW	31.8		43.7		57.5		65.1		71.3		78.6		81.4		79.5		76.9		60.9		55.0		43.4		61.5	
ROCK HILLS	33.3	-10.9			57.0	4.1	63.9	1.5	70.6	.5	77.6	.8	80.1	.9	78.1	-.5	74.3	1.2	59.2	-3.4	54.3	2.6	43.2	-1.5		
DIVISION	32.5	-12.8	43.7																							

# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

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Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
GENEVA 2	39.1		48.2		62.0		67.2		73.6		80.6		81.3		80.0		78.6M		63.2M		58.9M		49.1M		65.2M	
GILBERTOWN	36.4M		49.1M		60.3M		65.9M		72.4		80.8		82.3		80.4		77.6		61.2M		48.5		46.5		-	
GREENVILLE	-		-		-		-		-		-		-		-		M		61.1	- 5.7	57.3	.9	46.1M	- 4.2	-	
HEADLAND	37.9		47.8M		61.4		67.6M		74.6		81.2		81.8		79.2	M	76.8		61.7		57.5		47.7		-	
HIGHLAND HOME	35.8	-12.7	47.7	- 3.3	59.9	2.9	66.0	.2	73.3	.4	-		81.5	1.2	79.2	- .9	76.9	1.2	62.1	- 4.3	57.3	1.3	46.7	- 2.7	-	
OZARK 6 NNW	40.2	-10.3	49.9	- 3.2	63.0	4.3	68.3	1.2	74.6	.7	82.4	3.1	82.1	1.6	79.6	- .7	77.7	1.3	64.4	- 3.2	60.0	2.4	50.3	- 1.2	66.0	- .4
PITTSVIEW	35.1		45.1		57.9M		64.0		71.3		79.0M		81.1M		78.9		75.3		59.3		55.3		44.8M		62.3M	
THOMASVILLE	35.5	-11.9	47.9	- 2.5	59.4	2.9	66.3	.5	73.4	.7	81.0	2.2	82.0	1.5	79.8	- .3	77.0	1.6	62.1	- 3.9	57.7	2.4	46.6	- 2.1	64.1	- .7
TROY	38.5	-10.6	48.6	- 3.2	61.3M	3.7	67.9	1.7	74.9	1.6	81.3	2.4	82.6	2.4	80.4	.3	78.0	2.0	63.8	- 3.2	58.9	2.4	48.8	- 1.5	65.4M	- .2
WHATLEY	36.8M		49.2		60.0M		65.0		72.1		81.3		83.2M		80.9		77.9		61.2M		58.3M				-	
DIVISION	37.5	-11.7	48.0	- 4.0	60.6	2.9	66.5	.1	73.2	- .1	80.6	1.6	81.4	.8	79.6	- .8	77.2	1.2	62.2	- 4.3	58.4	2.2	47.8	- 2.3	64.4	- 1.2
* * *																										
GULF																										
BAY MINETTE 3 NNW	41.8	- 9.9	50.8	- 3.6	61.2	1.4	68.6	.6	74.3	- .3	-				80.0	- 1.1	78.8	1.5	65.6	- 3.3	61.3	2.6	51.2	- 1.6	-	
COHEN	42.6		50.7		61.4		67.2M		73.1		80.8M		82.4		80.9		79.6		65.1		60.9M		52.0M		66.4M	
CAUPHIN ISLAND 2	42.6		52.3		61.9		70.1		76.6		83.5		84.4		82.3		81.6				63.7		54.3		-	
FAIRHOPE 2 NE	41.2	-11.1	51.0	- 3.8	60.4M	.5	67.3	- .5	73.7	- .9	82.4	2.4	82.3	1.0	80.4	- .9	79.5	2.1	65.1	- 3.9	60.9	1.7	50.8	- 2.9	66.3M	- 1.3
MOBILE MSD AP	40.9	-10.3	52.2	- 1.8	62.6	3.2	68.2	.3	75.6	.8	82.9	2.6	83.5	1.9	83.4	1.9	80.9	3.4	65.2	- 3.7	60.9	2.4	50.8	- 2.1	67.3	- .1
ROBERTSOALE	41.3	-10.6	50.4M	- 3.9	61.6	2.2	67.2	- .2	73.9	.0	81.7	2.6	81.6M	1.0	80.5	.0	79.2	2.4	65.0M	- 3.2	60.9	2.3	50.7	- 2.4	66.2M	- .8
DIVISION	41.7	-10.2	51.2	- 3.3	61.5	1.8	68.1	.2	74.5	- .2	82.3	2.2	82.8	1.4	81.3	- .1	79.9	2.3	65.2	- 3.9	61.4	2.3	51.6	- 1.8	66.8	- .8

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## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

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STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
MARTIN DAM		4.45-	.05	2.59-	2.54	10.92	4.43	2.86-	2.18	1.12-	2.24	3.30-	.95	4.28-	.94	5.42	1.95	6.52	2.56	3.49	1.34	3.27-	.57	3.59-	1.57	51.01-	.74
PELIKA		4.22-		2.40-		7.96		1.21		2.79		1.35		8.75		6.25		6.24		3.64		3.38		3.04		50.43	
DEMOPOLIS 2 NW		5.21-		4.16-		11.42		2.73		1.14		4.18		3.42		1.54		6.87		3.76		4.60		3.07		53.90	
ROCK MILLS		4.30-	.73	2.84-	2.24	11.93	5.70	2.66-	2.47	2.91-	.76	2.35-	1.35	4.53-	.63	2.50-	1.53	4.92	1.02	3.50-	1.09	4.53	.53	3.69-	1.31	50.66-	2.68
THURLOW DAM		4.24-	.28	2.73-	2.16	11.01	4.02	1.77-	3.03	1.62-	2.13	1.11-	2.61	5.36-	.02	5.43	1.69	5.14	1.34	3.62	1.52	3.17-	.56	2.90-	2.28	48.10-	3.66
WADLEY		3.84-	.73	2.82-	2.04	14.32	7.92	2.36-	2.76	.27-	3.70	2.54-	1.65	3.98-	1.46	.52-	3.54	3.48-	.27	3.85	1.19	2.63-	1.20	2.72-	2.46	43.33-	10.70
WETUMPKA		4.20-		2.82-		14.32		-		.27-	3.70	2.54-	1.30	3.74-	1.21	2.97-	1.55	7.32	3.25	2.04-	.14	4.08	1.35	-	-	-	-
DIVISION		4.68-	.12	3.27-	1.98	11.29	4.65	2.62-	2.76	2.22-	1.48	2.57-	1.59	5.49	.21	3.17-	.85	5.89	1.84	4.23	1.71	4.28	.41	3.33-	1.87	53.04-	1.83
PRAIRIE		4.68-	.12	3.27-	1.98	11.29	4.65	2.62-	2.76	2.22-	1.48	2.57-	1.59	5.49	.21	3.17-	.85	5.89	1.84	4.23	1.71	4.28	.41	3.33-	1.87	53.04-	1.83
CUBA		5.69	1.35	4.08-	.97	9.77	3.72	4.11-	.90	4.76	1.13	1.77-	2.01	9.88	4.93	2.43-	1.24	7.03	4.21	6.68	4.35	6.88	3.36	1.78-	3.71	64.86	14.22
DAYTON I N		5.68	1.39	4.78-	.05	13.71	7.12	3.90-	1.34	4.33-	3.45	2.64-	1.00	4.69-	1.34	1.76-	1.92	5.09	1.42	2.36	.07	4.10	-.56	2.88	-2.98	51.72-	.48
DEMOPOLIS LOCK AND DAM		5.20	-.79	4.86-	.04	10.59	4.58	4.08-	1.12	1.15	-.67	3.03-	.25	7.21	2.22	5.53	1.53	6.54	3.60	4.56	2.06	5.89	2.61	1.80-	3.30	60.44	9.92
GAINESVILLE		6.36	1.61	3.76-	1.64	12.33	6.47	5.80	.95	1.18-	2.26	1.09-	2.12	5.75	.46	1.19-	2.08	5.60	2.53	6.05	3.86	6.84	2.99	2.09-	3.18	58.04	7.59
GREENSBORO		5.07	-.44	6.01	-.67	12.22	5.74	4.85-	.58	1.23-	2.63	2.81-	.74	5.58	-.75	1.80-	2.03	3.68	-.24	5.18	2.70	4.60	1.22	2.57-	2.71	55.60	3.07
HAYNEVILLE		6.26	1.76	3.55-	1.64	11.00	4.23	4.63-	.97	2.42-	1.28	1.07	2.32	7.74	1.63	2.38-	1.48	7.79	4.79	6.90	4.45	8.34	4.53	2.04-	3.70	64.12	10.40
LIVINGSTON 2 SW		5.39	-.94	4.70-	.48	10.06	2.95	4.33-	.90	1.38-	2.18	2.31-	1.21	3.28-	1.83	2.70-	1.59	5.67	2.29	4.30	1.93	4.08	-.63	2.48-	2.50	50.19-	1.95
MARION JUNCTION 2 NE		5.70	1.41	4.83	.02	11.30	4.96	3.08-	2.17	1.74	2.84	2.74-	1.47	4.48-	1.30	2.86	.14	5.10	.71	2.19-	.24	4.82	1.39	2.56-	2.85	50.40-	1.24
MATHEWS 1 S		5.13	-.13	2.97	-1.06	10.06	3.77	1.22	-1.78	1.78	-.78	1.78	-.78	7.10	-.10	2.20	-.67	6.76	-.76	1.66	-.37	3.71	-.71	3.78	-.78	50.54	-.54
MILSTEAD		4.40	-.08	2.79-	2.10	13.18	7.00	1.63	-3.36	1.03	-2.43	1.59	-2.51	6.33	1.17	1.32	-3.01	4.25	-.07	2.94	-.80	3.57	-.26	2.79-	2.40	45.91-	7.11
WINTER 3 NW		4.20	-.54	2.54	-2.54	7.55	2.06	2.06	-.54	2.06	-.54	3.06	-.54	5.00	-.54	3.54	-.54	3.37	-.54	3.37	-.54	3.37	-.54	3.37	-.54	46.82	-.54
MONTGOMERY WSD AP		4.87	-.85	3.19-	1.11	7.10	1.14	1.53-	2.92	1.62	-1.85	1.82	-2.21	6.62	1.53	3.55	-.08	5.64	1.23	2.60	-.36	2.78	-.65	3.10-	1.83	44.48	-5.38
PERRYVILLE		5.33	-.91	3.86-	1.31	9.12	2.48	3.73-	1.52	1.18-	2.27	1.13	-3.06	5.38	-.14	2.17-	1.46	4.70	1.37	2.59	-.23	5.01	1.44	3.39	-1.83	47.59	-4.88
PINE LEVEL		5.95	1.57	3.54-	1.17	10.99	4.58	2.74	-1.79	1.22	-2.57	1.89	-3.05	5.42	-.31	1.69-	2.74	6.76	2.60	1.70	-.67	3.95	-.52	3.96-	1.09	48.81	-3.50
SELMA		5.88	1.47	6.21	1.16	9.43	3.18	2.67	-2.45	1.10	-3.58	1.59	-2.43	5.50	.51	2.22-	1.57	7.22	3.75	1.47	-1.09	3.76	-.26	3.71-	1.73	49.76	-2.52
SUTTLE		5.70	1.10	4.91	1.08	10.85	3.03	3.03	-.32	2.81	-.32	4.04	1.50	4.04	1.50	4.20	1.50	4.20	1.50	5.17	1.50	2.98	-.98	2.98	-.98	48.11	-.98
UNION SPRINGS 4 S		5.49	1.15	3.28-	1.52	6.75	-.61	2.35-	2.28	.81-	2.69	1.14	-3.01	9.26	3.03	3.60-	.82	5.64	2.09	2.97	-.63	4.19	-.91	4.64	-.52	50.12	-2.42
UNIONTOWN		4.97	-.50	3.90-	1.00	12.28	5.57	3.65-	1.47	1.70	-2.88	3.08	-3.23	4.87	-.24	3.07	-.35	5.20	2.00	2.94	-.63	4.31	-.99	2.09	-3.01	48.28	-2.51
WARRIOR LOCK AND DAM		4.77	-.18	4.69	-.58	12.33	6.35	3.73-	1.27	1.84	-2.61	3.14	-.17	5.42	1.29	6.77	-.84	5.69	2.42	6.18	3.34	5.26	1.60	2.90-	2.31	59.72	-9.68
DIVISION		5.67	1.30	4.50-	.35	10.20	3.94	3.54-	1.41	1.22-	2.37	2.00-	1.88	5.77	-.52	2.91-	.81	5.33	1.78	3.54	1.16	5.01	1.49	2.87	-2.35	52.56	1.02
COASTAL PLAIN		5.67	1.30	4.50-	.35	10.20	3.94	3.54-	1.41	1.22-	2.37	2.00-	1.88	5.77	-.52	2.91-	.81	5.33	1.78	3.54	1.16	5.01	1.49	2.87	-2.35	52.56	1.02
ABBEVILLE 1 NNW		5.60	1.10	3.15	-.19	7.02	2.33	1.56	-1.70	1.12	-.78	.78	-.78	3.63	1.08	5.59	-.79	4.81	1.98	2.03	-.74	8.79	-.79	5.98	-.79	50.06	-.79
ALBERTA		6.22	1.91	5.20	1.19	8.77	2.33	3.68-	1.70	2.06-	1.77	2.11-	1.78	5.93	1.08	2.35-	1.79	5.52	1.99	1.80	-.74	5.96	2.46	3.05	-2.47	52.65	-.38
ANDALUSIA 1 NW		4.43	-.14	3.14	-1.39	7.89	1.47	2.29	-3.10	2.94	-1.27	5.19	-.61	9.07	2.62	6.79	1.48	3.79	-1.08	2.66	-.31	4.25	-.75	7.20	1.80	59.74	2.04
ATMORE		4.06	-.16	2.86	-.84	11.48	1.48	1.48	-.73	2.04	-.73	2.04	-.73	6.09	1.17	5.59	-.14	5.59	1.17	3.64	-.14	4.67	1.39	3.94	-1.43	50.93	-2.85
BEATRICE 1 E		5.41	-.95	3.49	-.89	9.56	2.91	3.00	-1.98	1.42	-2.48	2.43	-1.65	5.36	-.85	4.08	-.03	5.32	1.34	2.07	-.04	4.85	1.19	3.94	-1.43	50.93	-2.85
BRANTLEY		4.92	-.39	3.50-	.88	8.34	2.07	1.47	-3.09	3.18-	.44	3.62-	.83	5.80-	.30	6.23	-.98	5.65	1.27	2.62	-.56	4.46	-.95	3.62	-1.39	53.41	-.71
BREWTON 3 ENE		5.19	-.63	2.85	-2.95	10.49	3.88	1.86	-3.82	1.12	-2.24	6.26	-.76	9.20	1.55	14.69	8.98	3.79	-1.42	1.71	-1.09	4.96	-.84	3.08	-1.42	65.21	-2.70
BREWTON 3 SSE		4.57	-.21	2.08	-2.29	6.08	-.27	1.75	-2.90	1.13	-2.38	1.49	-2.56	3.75	-2.42	6.12	1.03	5.59	1.36	3.09	-.89	5.26	2.14	3.73	-1.15	43.64	-9.34
BRUNIDGE		6.20	1.20	2.89	-.63	10.06	3.77	1.45	-.11	1.02	-.11	1.02	-.11	5.01	-.25	2.75	-.72	7.12	1.48	4.79	1.48	4.79	1.48	3.00	-.40	40.64	-.40
CAMERO 3 NW		5.25	1.09	2.69	-2.46	6.90	1.19	1.90	-4.34	1.98	-2.99	2.35	-2.49	5.55	-.84	9.55	4.15	3.47	-1.16	2.20	-.03	7.10	3.85	4.00	-1.05	50.64	-5.02
CHAMOT 4 N		4.20	-.20	2.89	-.63	10.06	3.77	1.45	-.11	1.02	-.11	1.02	-.11	5.01	-.25	2.75	-.72	7.12	1.48	4.79	1.48	4.79	1.48	3.00	-.40	40.64	-.40
CLAYTON		4.91	-.68	2.89	-1.58	7.26	1.37	1.77	-2.61	1.30	-2.58	1.66	-2.49	5.56	-.64	7.00	3.22</										



Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA  
1977

					Last spring minimum of										First fall minimum of										Number of days between dates					
Station	Highest	Date	Lowest	Date	16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.						
* * *																														
NORTHERN VALLEY 01																														
ATHENS 2	101	7-15+	- 2	1-17	2- 8 13	2-21 18	2-21 18	3-23 26	4- 6 30	10-14	31	11-11	27	-	-	12- 7 13	302	-	-	233	191									
BELLE MINA 2 N	102	7-15-	- 1	1-17	2- 9 16	2-22 20	2-22 20	3- 2 27	4- 7 32	10-15	32	11-12 28	11-26 21	11-27 19	12- 7 16	12- 7 14	301	278	277	255	191									
FALKVILLE 1 E	103	7- 9	- 1	1-17	2-21 16	2-22 19	2-22 19	3-23 25	4- 6 30	10-13	30	11-11 25	11-13 23	12- 7 16	12- 7 16	12- 7 16	289	264	263	233	190									
FLORENCE					2- 7 15	2-21 20	2-21 20	2-28 27	3-23 30	-				-	-	-	-	-	-	-	-									
HUNTSVILLE WSO AP	101	7- 8	- 1	1-17	2- 7 16	2-16 20	2-21 22	2-21 22	3-23 30	11-11	32	11-13 26	11-26 22	12- 6 20	12-10 14	306	293	278	265	233										
MOULTON 2	103	7-15+	- 1	1-17	2- 8 14	2-21 18	2-21 18	3-23 28	4- 6 32	10-17	31	11-12 27	11-13 24	12- 7 16	12- 7 16	12- 7 16	302	289	265	234	194									
MUSCLE SHOALS FAA AP	102	8- 7+	- 1	1-17	2- 6 16	2-21 19	2-21 19	2-28 28	3-23 31	11-12	30	11-25 23	11-25 23	12- 7 18	12-10 14	307	289	277	270	234										
NEW MARKET 2					2-17 15	2-21 19	2-21 19	-	-	-				-	-	-	-	-	-	-	-									
REO BAY			- 1	1-17	2-16 16	2-20 20	2-28 24	2-28 24	3-23 30	11-11	22	11-11 22	11-11 22	-	-	12- 7 11	294	-	256	256	233									
RUSSELLVILLE 2	102	7- 9	- 2	1-18+	2-22 16	2-22 16	3- 1 23	4- 6 28	4- 6 28	10-13	31	10-14 28	11-11 22	11-26 19	12- 7 13	288	277	255	191	190										
* * *																														
APPALACHIAN MOUNTAINS 02																														
ALBERTVILLE 2 SE				-	2- 8 16	-	-	-	-	-				-	-	-	-	-	-	-	-									
BESSEMER 3 WSW	105	7- 7			-	2- 8 19	2-20 22	2-21 28	4- 6 31	11-10	31	11-25 26	12- 7 18	12- 7 18	12- 7 18	NONE	-	302	290	277	218									
BIRMINGHAM WSD AP	105	7- 7	3	1-19+	2- 1 16	2- 8 18	2-21 21	2-21 21	3-23 30	11-11	30	11-13 28	12- 6 24	12- 7 18	12- 7 18	NONE	-	302	288	265	233									
GUNTERSVILLE	101	7-15+	- 1	1-19+	2- 2 16	-	-	3- 2 28	3-23 30	10-14	32	11-26 22	11-26 22	12- 7 16	12- 7 16	12- 7 16	308	-	269	205										
ONEONTA	104	7- 9+	0	1-17	2- 9 15	2-17 18	2-22 22	3-23 27	3-24 32	10-14	32	11-12 28	11-13 24	12- 7 15	12- 7 15	301	293	264	234	204										
SAINT BERNARD	105	7- 9	0	1-19+	2- 8 15	2-22 18	2-22 18	3-23 28	4- 6 32	10-14	32	11-13 25	11-26 22	12- 7 15	12- 7 15	302	288	277	235	191										
SAND MT SUBSTA AU	100	7-16+	- 2	1-17	2-17 16	2-21 20	2-21 20	3-23 27	4- 6 32	11-11	31	11-12 27	11-26 22	12- 7 12	12- 7 12	12- 7 12	293	289	278	233	191									
SCOTTSBORO	102	7-16+	- 2	1-18+	2-17 15	2-21 17	2-22 23	3-23 26	4- 6 29	10-14	30	11-11 28	11-13 22	11-26 20	12- 7 12	12- 7 12	293	278	264	233	191									
VALLEY HEAD	100	7- 9	- 3	1-17	2-22 15	3- 2 20	4- 6 21	-	-	10-13	28	10-13 28	11-11 23	11-13 19	12- 7 10	288	256	219	-	-										
* * *																														
UPPER PLAINS 03																														
ALICEVILLE	104	7- 8		-	-	-	-	-	-	10-17	32	11-11 28	12- 7 19	12- 7 19	12- 7 19	NONE	-	-	-	-	-									
BANKHEAD LOCK AND DAM					1-30 15	2- 1 19	2-21 22	2-22 27	3- 2 32	11-11	32	11-27 27	12- 7 21	12-10 19	12-10 19	NONE	-	312	289	278	254									
CENTREVILLE WSMO	103	7- 9+	- 1	1-20	1-30 11	2- 2 19	2-22 24	2-22 24	3- 9 32	11-12	30	11-13 28	12- 7 18	12- 7 18	12- 7 18	NONE	-	308	288	264	248									
CLANTON	104	7- 8	2	1-19	2- 1 15	2- 8 18	2-21 22	2-22 28	3-23 31	10-17	32	11-12 26	12- 7 18	12- 7 18	12- 7 18	NONE	-	302	289	263	208									
DOOLITTLE SPRINGS	103	7- 8	- 1	1-19+	2-21 16	2-22 20	3- 1 24	4- 6 28	4- 6 28	10-14	32	11-11 26	11-26 22	12- 7 15	12- 7 15	289	288	270	219	191										
FAYETTE					2- 1 15	2-17 20	2-21 22	2-28 27	3- 8 31	10-17	32	11-12 27	12- 7 19	12- 7 19	12- 7 19	-	293	289	257	223										
HALEYVILLE 3 NE	101	7- 7	- 3	1-17	2-16 15	2-21 18	2-21 18	3-23 27	4- 6 30	10-13	32	11-11 25	11-13 24	11-26 20	12- 7 14	294	278	265	233	190										
HAMILTON 3 S	104	7- 9	- 2	1-18+	2-21 15	2-21 15	3- 2 24	4- 6 28	4- 6 28	10-13	30	10-17 28	11-11 21	12- 7 15	12- 7 15	289	289	254	194	190										
JASPER 4 N	105	7- 9+	1	1-19	2- 8 15	2-21 17	2-21 17	3-23 28	4- 6 30	10-14	30	11-11 25	11-26 24	12- 7 16	12- 7 16	302	289	278	233	191										
PRATTVILLE					-	-	-	-	-	-				-	-	-	-	-	-	-	-									
THORNSBY EXP STATION	104	7- 7	2	1-19	1-29 11	2- 6 20	2-21 24	2-21 24	3- 1 31	11-11	31	11-27 28	12- 7 17	12- 7 17	12- 7 17	NONE	-	304	289	279	255									
TUSCALOOSA FAA AP	102	7- 7	- 1	1-19	1-29 12	2- 6 20	2-21 21	2-28 28	3- 2 32	10-17	31	11-11 27	12- 6 24	12- 7 18	12- 7 18	NONE	-	308	288	256	225									
TUSCALOOSA OLIVER DAM	104	7- 8	3	1-20	-	2- 2 19	2-17 22	2-22 26	3- 8 32	11-12	31	12- 7 22	12- 7 22	12-11 20	12-11 20	NONE	-	312	293	288	249									
VERNON 2 N	104	7- 9			2-21 16	2-22 20	2-28 24	3-23 26	4- 6 30	10-13	31	10-17 28	11-11 21	11-13 19	12- 7 14	289	264	256	208	190										
WINFIELD 2 SW	106	7- 8	- 2	1-19+	2-21 15	2-21 15	3-23 24	4- 6 28	4- 7 31	10-13	30	10-14 28	11-26 23	12- 7 16	12- 7 16	289	289	248	191	189										
* * *																														
EASTERN VALLEY 04																														
ANNISTON FAA AP	102	7- 7	4	1-19	2- 2 16	2- 8 17	2-21 22	3- 1 27	3- 8 30	11-10	32	11-13 27	12- 7 18	12- 7 18	12- 7 18	NONE	-	302	289	257	247									
CALERA 2 SW			1	1-19	2- 6 11	2-21 17	2-28 23	3-23 27	4- 6 32	10-14	30	11-11 24	11-11 24	-	-	12- 7 15	302	-	256	233	191									
CENTRE 4 SW	102	7- 9	1	1-17	2- 8 16	2- 9 18	2-21 22	3- 8 28	3-24 32	10-17	31	11-11 28	12- 7 15	12- 7 15	12- 7 15	302	301	289	248	207										
CHILLOERSBURG WTR PLANT	105	7- 8+	3	1-19	2- 8 16	2-21 18	2-21 18	3- 8 28	3-24 30	10-17	31	11-11 28	12- 7 13	12- 7 13	12- 7 13	302	289	249	248	207										
GAOSEN STEAM PLANT	102	7- 8	1	1-18+	2- 8 16	2-16 20	2-21 24	3- 1 28	3-24 32	11-12	32	11-13 28	11-27 24	12- 7 16	12- 7 16	302	294	279	257	233										
TALLADEGA	103	7- 9	- 1	1-19	2- 6 15	2-17 18	3- 8 24	3-24 28	3-24 28	11-11	29	11-13 23	11-13 23	12- 7 16	12- 7 16	304	293	250	234	232										
* * *																														
PIEDMONT PLATEAU 05																														
ALEXANDER CITY	104	7- 8			1-30 16	2- 8 20	2-21 22	3- 1 28	3-23 32	11-11	30	11-13 27	-	NONE	NONE	-	305	289	-	257	233									
ASHLAND 2 SSE	97	7-16+	0	1-18	2- 6 16	2-22 20	2-22 20	3- 9 28	3-24 32	10-18	31	11-14 27	11-27 24	12- 8 15	12- 8 15	305	289	278	250	208										
AUBURN AGRONOMY FARM	98	7- 8	3	1-19	1-30 14	2- 1 20	2-16 23	2-21 28	3- 1 29	11-11	30	11-26 27	12- 7 19	12- 7 19	12- 7 19	NONE	-	309	294	278	255									
CAMP HILL 2 NW					2- 8 16	2-22 18	3- 1 24	3- 9 25	-	-				-	-															

See Reference Notes Following Station Index

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA  
1977

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
* * *																														
COASTAL PLAIN 07																														
ANOLUSIA 1 NW	100	6-13	5	1-19	1-21	16	2-21	20	2-22	24	3-8	27	3-25	32	10-14	30	10-17	28	12-10	23	NONE	NONE	NONE	NONE			291	223	203	
ATHORE	98	7-15+	9	1-19	1-20	14	1-29	20	2-1	22	2-16	28	2-21	29	11-27	32	12-7	25	12-10	24	NONE	NONE	NONE	NONE			312	294	279	
BEATRICE 1 E	98	7-15+	7	1-19	1-29	15	1-30	18	2-2	24	2-16	28	2-18	32	11-27	31	12-7	24	12-7	24	NONE	NONE	NONE	NONE			308	294	282	
BRANTLEY	100	7-15	6	1-19	1-20	14	2-8	20	2-22	24	3-8	28	3-23	30	-	-	-	-	12-7	23	12-22	20	NONE	NONE			317	288	-	
BREWTON 3 ENE	100	7-15	-	-	-	-	-	-	-	-	-	-	-	-	11-11	27	11-11	27	12-10	24	NONE	NONE	NONE	NONE			-	-	-	
BREWTON 3 SSE	103	6-12+	8	1-19	2-1	16	2-6	20	2-21	23	3-8	28	3-23	30	10-14	31	11-11	26	12-7	24	12-11	20	NONE	NONE			308	289	248	
CAMDEN 3 NW	104	7-8	5	1-19	1-30	11	2-1	20	2-9	24	2-22	28	3-8	32	10-14	30	12-7	23	12-7	23	NONE	NONE	NONE	NONE			301	288	220	
CHATAM 4 N	106	7-16	5	1-19	1-19	5	1-29	17	2-16	23	2-17	27	2-28	30	10-13	32	12-7	21	12-7	21	NONE	NONE	NONE	NONE			294	293	227	
CLAYTON	98	7-15	3	1-19	1-29	16	1-30	18	2-7	24	2-21	28	2-28	31	11-11	30	12-7	21	12-7	21	NONE	NONE	NONE	NONE			303	289	256	
ENTERPRISE 5 NNW	-	-	8	1-19	1-19	8	1-29	20	2-7	24	2-21	25	3-1	32	11-11	32	12-7	25	12-10	24	NONE	NONE	NONE	NONE			306	289	259	
EUFULA WILDLIFE REF	101	7-8+	7	1-19	1-30	16	2-10	20	3-1	21	3-1	21	3-9	31	11-11	31	11-14	28	12-7	24	12-10	20	NONE	NONE			303	281	258	
EVERGREEN	-	-	6	1-19	1-20	8	2-1	19	2-16	24	2-22	28	3-9	31	11-11	29	11-27	28	12-7	23	12-26	20	NONE	NONE			328	294	278	
FRISCO CITY	-	-	4	1-19	1-20	5	1-30	17	2-16	24	2-22	28	3-1	32	11-11	30	-	-	12-7	23	12-10	20	NONE	NONE			314	294	-	
GENEVA 2	99	7-15+	8	1-19	1-20	9	2-1	20	2-2	22	2-21	26	3-8	32	11-11	29	12-7	26	12-27	24	NONE	NONE	NONE	NONE			328	289	248	
GILBERTOWN	100	7-4	2	1-19	1-19	2	2-2	20	2-21	24	3-1	28	3-23	30	10-14	32	-	-	12-7	23	12-22	20	NONE	NONE			323	289	-	
GREENVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10-17	32	11-14	27	12-7	22	NONE	NONE	NONE	NONE			-	-	-	
HEADLAND	-	-	7	1-19	1-20	8	1-29	20	2-7	24	2-21	25	2-22	29	10-14	30	12-7	25	12-10	23	NONE	NONE	NONE	NONE			306	289	234	
HIGHLAND HOME	-	-	3	1-20+	1-30	16	1-30	16	2-6	23	2-21	27	3-1	31	11-11	28	11-11	28	12-7	22	12-10	20	NONE	NONE			314	304	263	
OZARK 6 NNW	102	6-11	5	1-19	1-19	5	1-29	18	2-1	23	2-16	26	2-21	30	11-11	31	12-7	24	12-7	24	NONE	NONE	NONE	NONE			309	294	263	
PITTSVIEW	103	7-9+	4	1-20+	2-8	16	2-21	18	3-1	23	3-23	28	4-6	31	10-14	29	10-17	27	11-13	22	12-8	20	12-29	16	324	290	257	208	191	
THOMASVILLE	102	7-9+	5	1-20+	1-30	15	2-1	19	2-17	24	2-22	28	3-8	32	10-17	32	12-7	21	12-7	21	12-10	20	NONE	NONE			312	293	288	
TROY	102	7-16+	4	1-19	1-19	4	1-29	17	2-6	23	2-21	25	2-28	30	11-11	31	12-7	22	12-7	22	NONE	NONE	NONE	NONE			304	289	256	
WHATLEY	101	6-11	4	1-19	2-1	16	2-2	17	2-21	21	2-21	21	3-23	32	10-13	30	10-17	28	12-7	20	12-7	20	NONE	NONE			308	289	238	
* * *																														
GULF 08																														
BAY MINETTE 3 NNW	-	-	10	1-19	1-19	10	2-1	20	2-1	20	2-16	27	2-22	32	11-27	32	12-7	23	12-7	23	NONE	NONE	NONE	NONE			309	294	278	
COOEN	96	7-14+	12	1-19	1-19	12	1-19	12	1-29	22	2-21	28	3-8	32	11-11	32	12-7	25	12-26	24	NONE	NONE	NONE	NONE			331	289	248	
GAUPHIN ISLAND 2	95	7-15	15	1-19	1-19	15	1-20	18	1-20	18	1-30	26	1-30	26	12-10	32	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE			-	-	314	
FAIRHOPE 2 NE	97	6-23	13	1-19	1-19	13	1-19	13	1-30	24	2-6	27	2-22	32	12-7	26	12-7	26	12-28	24	NONE	NONE	NONE	NONE			332	304	288	
MOBILE WSO AP	97	7-2+	12	1-19	1-19	12	1-19	12	1-29	22	2-16	28	2-21	32	12-6	32	12-7	26	NONE	NONE	NONE	NONE	NONE	NONE			294	288	288	
ROBERTSOALE	97	6-12	12	1-20	1-20	12	1-20	12	2-1	24	2-17	28	2-22	29	11-11	32	12-7	27	12-27	24	NONE	NONE	NONE	NONE			329	293	262	
* * *																														
STATE EXTREMES																														
WINFIELD 2 SW	106	7-8																												
LIVINGSTON 2 SW		7-9																												
CHATAM 4 N		7-16																												
VALLEY HEAD			-3	1-17																										
HALEYVILLE 3 NE				1-17																										

# SOIL TEMPERATURES

ALABAMA 1977

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
AUBURN AGRONDMY FARM	(IN)																											
	2		38.7	57 28	48.3	71 34	59.6	78 59	72.0	92 52	81.2	103 59	87.9	109 66	86.2	106 73	86.7	105 72	80.7	103 67	66.1	85 46	58.6	72 38	48.4	71 33	67.9	109 28
	4		40.6	54 34	48.8	68 36	60.1	76 44	71.6	87 54	80.6	97 63	86.7	103 71	85.5	102 74	86.2	102 74	80.4	98 70	65.8	83 49	58.7	70 40	49.1	70 35	67.8	103 34
	8		38.6	48 34	45.4	70 36	57.3	69 45	68.8	80 54	78.1	97 65	84.7	96 72	84.5	95 76	85.1	96 76	79.9	93 71	65.3	81 52	58.0	72 45	48.5	65 38	66.2	97 34
BREWTON 3 ENE	(IN)																											
	4		-	-	-	-	-	-	72.6	92 52	81.3	98 64	87.2	103 69	86.4	104 76	87.6	96 71	83.3	99 73	70.1	90 52	61.1	78 44	50.8	72 37	-	104 -
HEADLAND	(IN)																											
	4		41.6	62 28	47.7	69 32	62.2	80 42	72.5	88 55	81.6	95 63	88.7	105 73	89.2	105 75	86.2	103 74	81.9	97 72	66.7	84 50	58.5	73 42	50.0	70 35	68.9	105 28
MARION JCT 2NE	(IN)																											
	4		-	-	50.0	69 40	58.3	71 44	68.9	83 51	78.9	93 66	86.9	99 71	88.2	103 76	86.1	97 77	81.2	90 75	68.6	85 58	60.8	70 50	-	-	-	103 -
PITTSVIEW	(IN)																											
	4		42.8	56 34	48.1	66 36	60.0	75 43	71.1	85 54	79.7	91 69	86.8	-	86.9	99 76	86.2	99 76	80.9	95 71	68.1	84 54	60.2	70 45	50.9	69 39	68.4	- 34
THORSSBY EXP STATION	(IN)																											
	4		42.8	53 34	48.9	65 38	58.6	77 40	68.5	83 46	78.2	92 64	86.9	100 68	88.0	101 78	87.2	103 75	81.3	99 71	69.1	82 56	60.9	74 45	51.7	65 36	68.5	103 34
WINFIELD 2 SW	(IN)																											
	4		38.2	55 32	46.4	65 33	57.1	77 39	68.8	88 45	77.5	94 64	83.9	96 65	85.5	99 75	85.6	100 74	79.1	98 67	65.0	80 50	57.3	69 42	47.9	64 36	66.0	100 32

See Reference Notes Following Station Index

Table 4

## TOTAL EVAPORATION AND WIND MOVEMENT

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Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * NORTHERN VALLEY 01														
HUNTSVILLE WSO AP	EVAP	-	-	5.618	6.248	7.608	8.94	9.11	8.278	5.628	3.849	2.958	-	-
	WIND	-	2333	2914	1986	1843	1803	1780	1853	1772	2148	2485	2842	-
	MAX	-	-	69.3	79.6	87.7	91.8	96.7	92.7	84.8	70.2	61.3	-	-
	MIN	-	-	47.4	55.4	62.2	66.7	71.7	70.4	66.6	50.6	48.9	-	-
* * * UPPER PLAINS 03														
WINFIELD 2 SW	EVAP	-	-	-	5.688	6.71	8.618	8.168	7.028	5.188	3.468	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * PIEDMONT PLATEAU 05														
AUBURN AGRONOMY EARM	EVAP	-	-	4.548	6.808	8.408	9.16	8.048	6.758	5.15	4.318	2.958	-	-
	WIND	-	1662	1992	1512	11818	1263	873	751	9328	1306	1462	1820	-
	MAX	-	-	68.5	80.5	87.9	93.4	93.9	94.8	88.1	73.9	63.1	53.2	-
	MIN	-	-	48.5	55.3	62.3	68.7	73.2	72.5	68.1	51.4	47.9	37.9	-
MARTIN OAM	EVAP	-	3.028	4.678	5.068	6.108	6.728	6.41	6.008	3.868	3.82	1.868	2.208	-
	OEP	-	-	.74	-	-	-	.24	.71	1.43	.27	.65	.21	-
	WIND	574	884	825	855	1079	1167	779	677	740	1304	905	1138	10927
* * * PRAIRIE 06														
DEMOPOLIS LOCK AND OAM	EVAP	-	-	4.808	5.348	6.75	8.63	7.218	6.798	4.998	4.018	2.278	-	-
	WIND	-	1988	2009	1272	1134	1315	961	811	1086	1411	1586	2246	-
	MAX	-	61.3	67.2	79.9	-	99.5	100.4	100.2	90.6	76.7	65.6	-	-
	MIN	-	39.7	48.1	55.1	-	69.7	73.0	74.3	69.6	52.3	48.4	-	-
* * * COASTAL PLAIN 07														
HEADLAND	EVAP	-	-	-	-	-	-	-	-	-	4.168	1.928	2.028	-
	WIND	-	-	-	-	-	-	-	-	-	75.5	64.4	56.1	-
	MIN	-	-	-	-	-	-	-	-	-	51.8	49.3	39.4	-
* * * GULE 08														
FAIRHOPE 2 NE	EVAP	-	3.398	4.448	6.008	6.72	8.90	6.518	4.758	4.828	3.90	1.858	-	-
	OEP	-	1.05	.68	1.03	.45	2.68	.67	1.04	.35	.13	.55	-	-
	WIND	1126	1003	11038	828	533	765	507	368	412	597	602	796	8640
	MAX	51.3	64.9	73.6	87.2	93.6	100.8	98.7	94.6	94.6	79.6	67.3	-	-
	MIN	36.5	41.4	52.9	58.4	65.2	73.0	73.7	73.7	72.0	56.1	52.2	-	-

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Station	Index No.	Division No.	County	Drainage †	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ABBEVILLE 1 NNW	0008	07	HENRY	431 35	85 17	465			24				2 C
ADOISON	0063	03	WINSTON	234 13	87 11	795							C
ALBERTA	0140	07	WILCOX	132 14	87 25	175			37				C
ALBERTVILLE 2 SE	0148	02	MARSHALL	1234 14	86 10	1140	52	52			APR		1 2 3
ALEXANDER CITY	0160	05	TALLAPOOSA	1132 57	85 57	660	9	9					1 2 3
ALICEVILLE	0178	03	RICKENS	1333 08	88 10	135	20	38			APR	JAN	1 2 3
ANADALUSIA 1 NW	0252	07	COVINGTON	631 19	86 30	242	40	40					1 2 3
ANNISTON FAA AP	0272	04	CALHOUN	733 35	85 51	611	31	31					1 2 3
ARLEY 3 S	0338	03	WINSTON	234 04	87 13	500		40					2
ASHLAND 2 SSE	0369	05	CLAY	1133 15	85 50	1091	21	21					1 2 3 C
ATHENS 2	0395	01	LIMESTONE	1234 48	86 59	720	23	23			SEP		1 2 3
ATMORE	0407	07	ESCAMBIA	831 01	87 30	294	14	14					1 2 3 C
AUBURN AGRONOMY FARM	0430	05	LEE	1132 36	85 30	652	2	2		2			1 2 34 G
AUTAGAVILLE 3 N	0440	03	AUTAUGA	132 28	86 41	200		37					2
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	233 27	87 21	280	22	39					1 2 3
BAY MINETTE 3 NNW	0583	08	BALOWIN	930 55	87 47	278	53	59					1 2 3
BEATRICE 1 E	0616	07	MONROE	131 44	87 12	178	11	11					1 2 3
BELLE MINA 2 N	0655	01	LIMESTONE	1234 42	86 53	600	29	29					1 2 3
BERRY	0748	03	FAYETTE	233 40	87 36	452							C
BESSEMER 3 SSW	0757	02	JEFFERSON	233 22	87 01	540	21	24			JAN		1 2 3
BESSEMER 3 WSW	0764	02	JEFFERSON	233 24	87 00	445	22	25			FEB		1 2 3
BILLINGSLEY 1 SE	0823	03	AUTAUGA	132 39	86 42	420		39				JUN	1 2 3
BIRMINGHAM WSO AR	0831	02	JEFFERSON	233 34	86 45	620	40	40					1 2 3 C
BOAZ	0957	02	MARSHALL	234 13	86 10	1070		37					2 C
BRANTLEY	1069	07	CRENSHAW	631 35	86 16	274	21	48					1 2 3
BREWTON 3 ENE	1080	07	ESCAMBIA	631 07	87 02	160	1	1			APR		1 2 3 G
BREWTON 3 SSE	1084	07	ESCAMBIA	631 04	87 03	85	60	63					1 2 3
BRIEGPORT	1099	02	JACKSON	1234 57	85 43	615	22	81			MAR		1 2 3
BROOKWOOD	1143	03	TUSCALOOSA	233 16	87 17	606		17					2
BRUNOIGE	1178	07	PIKE	531 43	85 49	510		48					2
CALERA 2 SW	1288	04	SHELBY	733 05	86 47	540	22	78					1 2 3
CAMDEN 3 NW	1301	07	WILCOX	132 02	87 19	235	17	17					1 2 3
CAMR HILL 2 NW	1324	05	TALLAPOOSA	1132 50	85 39	680	29	29			MAR		1 2 3
CARBON HILL	1377	03	WALKER	233 54	87 32	430		39					2
CENTRE 4 SW	1512	04	CHEROKEE	734 07	85 44	617	22	22					1 2 3
CENTREVILLE WSMO	1525	03	BIBB	332 54	87 15	456	3	3					1 2 3
CHATAM 4 N	1566	07	WASHINGTON	1331 32	88 15	285	29	29					1 2 3
CHILBERSBURG WTR PLANT	1620	04	TALLAPOOSA	733 17	86 20	418	21	21					1 2 3
CLAIBORNE	1690	07	MONROE	131 32	87 31	183		26					2
CLANTON	1694	03	CHILTON	732 51	86 38	580	85	85					1 2 3
CLAYTON	1725	07	BARBOUR	531 53	85 28	596	22	50					1 2 3
COOEN	1803	08	MOBILE	930 23	88 14	12	21	21					1 2 3
COFFEE SPRINGS 2 NW	1807	07	GENEVA	531 11	85 56	250		55					2
COLBERT STEAM PLANT	1819	01	COLBERT	1234 45	87 51	470							C
COLLINSVILLE	1849	02	DE KALB	734 15	85 53	750		40					2
CORODVA 2 ENE	1940	03	WALKER	233 45	87 09	320		75					2
COTTONTON	1974	07	RUSSELL	432 09	85 04	217		19					2
CUBA	2079	06	SUMTER	1332 26	88 23	215		38					2
ODAEVILLE	2119	05	TALLAPOOSA	1132 49	85 45	630		65					2
ODAEVILLE 2	2124	05	TALLAPOOSA	1132 50	85 46	730							C
ODURHIN ISLAND 2	2172	08	MOBILE	930 15	88 05	8	29	29					1 2 3 C
OAYTON 1 N	2188	06	MARENGO	1332 22	87 39	230	30	38					1 2 3
OELTA	2235	05	CLAY	1133 26	85 42	1030		21			INAC		2
OEMOPOLIS LOCK AND DAM	2245	06	MARENGO	1332 31	87 50	100	27	27	21				1 2 34
OOTHAN	2377	07	HOUSTON	531 12	85 24	275							C
DOUBLE SPRINGS	2386	03	WINSTON	234 09	87 25	810	21	21					1 2 3
ELBA	2577	07	COFFEE	1031 25	86 04	195		50					2
ELROO	2632	03	TUSCALOOSA	1333 15	87 48	252		38					2
ENTERPRISE 5 NNW	2675	07	COFFEE	531 23	85 54	469	12	12					1 2 3 C
EUFULA WILDLIFE REF	2730	07	BARBOUR	431 59	85 06	215	11	11					1 2 3
EVERGREEN	2758	07	CONECUH	631 27	86 56	290	17	17					1 2 3
FAIRHOPE 2 NE	2813	08	BALOWIN	930 33	87 53	23	60	60	60				1 2 34
FALKVILLE 1 E	2840	01	MORGAN	1234 22	86 53	625	21	39					1 2 3
FAYETTE	2883	03	FAYETTE	1333 41	87 49	365	43	52					1 2 3
FLORENCE	2971	01	LAUDERDALE	1234 48	87 41	578	22	22			APR		1 2 3
FORT PAYNE	3043	02	DE KALB	734 27	85 43	934		36					2 C
FRISCO CITY	3105	07	MONROE	831 27	87 23	400	29	48					1 2 3
GAOSEN STEAM PLANT	3154	04	ETOWAH	734 02	86 00	565	25	25					1 2 3
GAINESVILLE	3160	06	SUMTER	1332 49	88 09	130	20	41					1 2 3
GARDEN CITY	3200	02	CULLMAN	234 01	86 45	500		37					2
GENEVA 2	3251	07	GENEVA	531 03	85 53	145	2	2					1 2 3
GEORGIANNA	3271	07	BUTLER	631 38	86 44	285		22					2
GILBERTOWN	3308	07	CHOCTAW	1331 53	88 20	128	20	20					1 2 3
GORGAS	3430	03	WALKER	233 39	87 12	300		41					2
GREENSBORO	3511	06	HALE	232 42	87 35	220	99	110					1 2 3
GREENVILLE	3519	07	BUTLER	631 50	86 37	525	96	79					1 2 3 C
GUNTERSVILLE	3573	02	MARSHALL	1234 20	86 19	578	24	24					1 2 3
GUNTERSVILLE TVA	3578	02	MARSHALL	1234 22	86 17	605							C
HALEYVILLE 3 NE	3620	03	WINSTON	234 16	87 35	950	41	41					1 2 3 C
HAMILTON 3 S	3645	03	MARION	1334 06	87 59	435	18	40					1 2 3 C



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								Temp.	Precip.	Evap.	Month opened	Month closed	
HANCEVILLE	3655	02	CULLMAN	234	03	86 46	530						C
HAYNEVILLE	3748	06	LOWNOES	132	11	86 35	170	20	39		MAR	FEB	1 2 3
HEADLAND	3761	07	HENRY	531	21	85 20	370	28	28	1			1 2 34 G
HEFLIN	3775	05	CLEBURNE	1133	39	85 36	850	22	22				1 2 3
HIGHLAND HOME	3816	07	CRENSHAW	631	57	86 19	594	86	86				1 2 3
HIGHTOWER	3842	05	CLEBURNE	1133	32	85 24	1175		34				2
HOOGES	3899	01	FRANKLIN	1334	20	87 56	840		40				2
HUNTSVILLE WSO AP	4064	01	MAOISON	1234	39	86 46	624	19	19	2			1 2 34C
JACKSON	4193	07	CLARKE	1331	30	87 54	220		12				2 C
JACKSONVILLE	4209	04	CALHOUN	733	49	85 47	690		21				2 C
JASPER 4 N	4226	03	WALKER	233	54	87 16	525	17	17				1 2 3
JORDAN DAM	4306	05	ELMORE	732	37	86 15	290		41				2
KINSTON	4431	07	COFFEE	1031	14	86 11	270		13				1 2 3
LAFAYETTE	4502	05	CHAMBERS	432	54	85 24	830	29	29				1 2 3
LAY DAM	4603	03	CHILTON	732	58	86 31	420		41				2
LEEOS	4619	02	JEFFERSON	333	33	86 33	636		61				2
LEESBURG	4627	04	CHEROKEE	734	11	85 46	589		85				2
LIVINGSTON 2 SW	4798	06	SUMTER	1332	35	88 12	160	79	75				1 2 3
LOUISVILLE	4884	07	BARBOUR	531	47	85 33	480		20				2
MAGELLA	4996	02	JEFFERSON	333	30	86 51	654		41		JAN		2
MARION 6 NE	5112	06	PERRY	332	42	87 16	173		11				2
MARION JUNCTION 2 NE	5121	06	OALLAS	332	28	87 13	200	28	28				1 2 3 G
MARTIN DAM	5140	05	ELMORE	1132	40	85 55	340	28	53	28			1 2 34
MATHEWS 1 S	5172	06	MONTGOMERY	1132	15	86 00	195		21				2
MELVIN	5354	07	CHOCTAW	1331	56	88 27	350		37				2
MIDWAY	5397	06	BULLOCK	432	04	85 31	490						C
MILSTEAO	5439	06	MACON	1132	27	85 54	201		77				2
MINTER 3 NW	5449	06	OALLAS	132	06	87 02	370	21	21				1 2 3
MITCHELL DAM	5465	03	CHILTON	732	48	86 27	350		41				2
MOBILE WSO AP	5478	08	MOBILE	930	41	88 15	211	34	34				1 2 3 C
MONTEVALLO	5537	04	SHELBY	333	06	86 52	462		37				2
MONTGOMERY WSO AP	5550	06	MONTGOMERY	132	18	86 24	221	34	34				1 2 3 C
MOULTON	5625	01	LAWRENCE	1234	28	87 18	628				JUL		C
MOULTON 2	5635	01	LAWRENCE	1234	29	87 18	645	21	21				1 2 3
MUSCLE SHOALS FAA AP	5749	01	COLBERT	1234	45	87 37	540	88	94				1 2 3
NEW MARKET 2	5867	01	MAOISON	1234	55	86 27	725	19	30		INAC		1 2 3
NEWTON	5875	07	OALE	531	20	85 37	260		62				2
ONEONTA	6121	02	BLOUNT	233	57	86 29	870	67	76				1 2 3
OPELIKA	6129	05	LEE	1132	38	85 23	750	21	21				1 2 3
OZARK 6 NNW	6218	07	OALE	531	31	85 41	470	76	88				1 2 3
PAINT ROCK 2 N	6226	02	JACKSON	1234	42	86 20	635						C
PALMEROALE 2 W	6246	02	JEFFERSON	233	46	86 40	798		30				2
PERRYVILLE	6362	06	PERRY	332	36	87 09	500		36				2
PETERMAN	6370	07	MONROE	131	35	87 16	195						C
PICKENSVILLE	6414	03	PICKENS	1333	14	88 17	165		37		MAY		2
PICKENSVILLE 2	6418	03	PICKENS	1333	14	88 17	180		37		JUN		2
PINE APPLE	6436	07	WILCOX	131	53	87 00	230		11				2
PINE LEVEL	6468	06	MONTGOMERY	632	04	86 04	506		38				1 2 3
PITTSVIEW	6501	07	RUSSELL	432	11	85 10	380	10	10				1 2 3 G
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	132	37	86 54	230		38				2
PRATTVILLE	6640	03	AUTAUGA	132	29	86 29	295	79	76		SEP		1 2 3
REO BAY	6805	01	FRANKLIN	1234	26	88 08	680	21	28				1 2 3
REFORM 2 E	6847	03	PICKENS	1333	23	87 59	271		40				2
RIVER FALLS	6937	07	COVINGTON	631	21	86 32	190		50		FEB	INAC	2
RIVER FALLS 2 NE	6942	07	COVINGTON	631	22	86 31	190						C
ROBERTSOALE	6988	08	BALOWIN	930	34	87 44	155	48	66				1 2 3
ROCKFORD 2 NNW	7020	05	COOSA	732	54	86 14	670	24	24				1 2 3
ROCK MILLS	7025	05	RANDOLPH	433	09	85 18	745	43	47				1 2 3
RUSSELLVILLE 2	7131	01	FRANKLIN	1234	31	87 44	880	25	25				1 2 3
SAINT BERNARD	7157	02	CULLMAN	234	10	86 49	800	71	71				1 2 3
SAND MT SUBSTA AU	7207	02	DE KALB	1234	17	85 58	1195	28	29				1 2 3
SAYRE	7282	02	JEFFERSON	233	43	86 58	304		40				2
SCOTTSBORO	7304	02	JACKSON	1234	41	86 03	615	95	96				1 2 3
SELMA	7366	06	OALLAS	132	25	87 00	147	98	98				1 2 3
SUTTLE	7963	06	PERRY	332	32	87 11	145		29				2
TALLAPOEGA	8024	04	TALLAPOEGA	733	26	86 05	555	88	89				1 2 3
THOMASVILLE	8178	07	CLARKE	1331	55	87 44	405	86	87				1 2 3 C
THORSBY EXP STATION	8209	03	CHILTON	132	53	86 42	680	20	20				1 2 3 CG
THURLOW DAM	8215	05	ELMORE	1132	32	85 54	288		41				2
TONEY	8259	01	MAOISON	1234	54	86 44	750						C
TROY	8323	07	PIKE	1031	49	85 59	580	70	82				1 2 3 C
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	233	14	87 37	169	96	99				1 2 3
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	233	13	87 35	152	21	51				1 2 3 C
UNION SPRINGS 4 S	8438	06	BULLOCK	632	06	85 43	460	91	111				1 2 3
UNIONTOWN	8446	06	PERRY	132	27	87 31	265		73				2
VALLEY HEAD	8469	02	DE KALB	734	34	85 37	1040	93	93				1 2 3
VERNON 2 N	8517	03	LAMAR	1333	48	88 07	265	21	21				1 2 3 C
WADLEY	8605	05	RANDOLPH	1133	07	85 34	640		44				2
WALLACE 2 E	8637	07	ESCAMBIA	631	12	87 11	205		37				2
WALNUT GROVE	8648	04	ETOWAH	234	04	86 19	850		36				2

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WARRIOR 6 W	8670	02	JEFFERSON	233	49	86 57	630		6				2 C
WARRIOR LOCK AND OAM	8673	06	GREENE	232	47	87 50	110		41				2 C
WATERLOO	8686	01	LAUDERDALE	1234	55	88 04	457	21	81		AUG	1	2 3
WEST BLOCTON	8809	03	BIBB	333	07	87 07	500		37				2
WETUMPKA	8859	05	ELMORE	732	33	86 13	190		86		MAY		2
WHATLEY	8867	07	CLARKE	1331	39	87 43	170	21	38				1 2 3
WINFIELD 2 SW	8998	03	FAYETTE	1333	55	87 50	468	2	44	2			1 2 34 G

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

	Soil Type	Soil Cover	Degree of Slope
<u>DAILY SOIL TEMPERATURES TABLE</u> :			
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thorsby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- \* Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

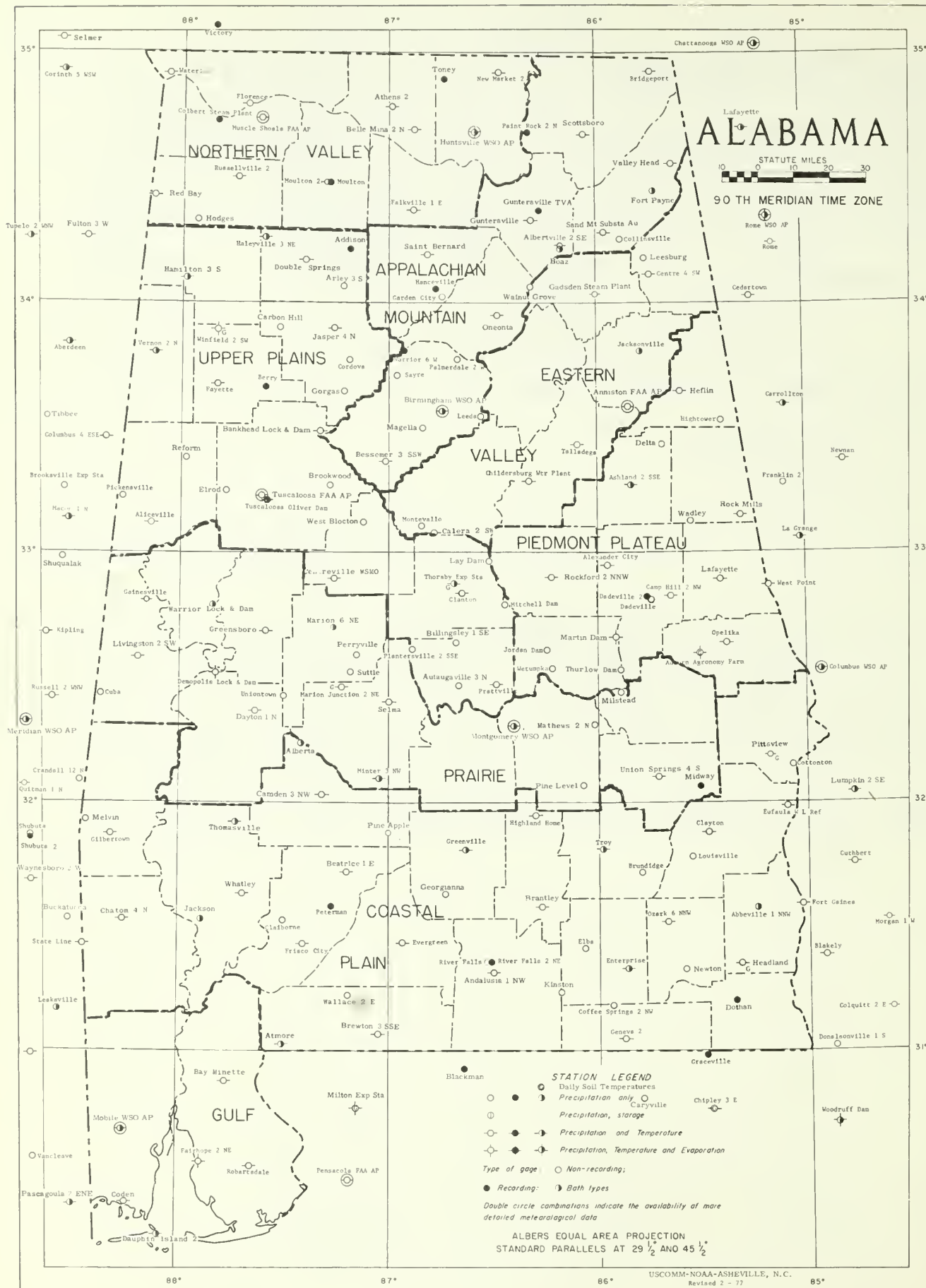
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- + DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTAGOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.







U S DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N C. 28801

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U S DEPARTMENT OF COMMERCE

COM 210



**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BREWTON 3 SSE	74	DATE 06
LOWEST TEMPERATURE:	3 STATIONS	7	DATE 10+
GREATEST TOTAL PRECIPITATION:	ROBERTS OALE	16.24	
LEAST TOTAL PRECIPITATION:	FAYETTE	2.62	
GREATEST 1 DAY PRECIPITATION:	ROBERTS OALE	11.12	DATE 2S
GREATEST TOTAL SNOWFALL:	DOUBLE SPRINGS	6.5	
GREATEST DEPTH OF SNOW OR ICE:	GAINESVILLE	5	DATE 20

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	32	3.5	8.8	4S	SW	2S	73	74	69	64	7	3	6	2	1	0	19	44	7.4	
HUNTSVILLE WSO AP	32	3.8	10.5	44++	26	2S	70	71	63	66	7	3	5	3	0	0	18	-	6.9	
MOBILE WSO AP	3S	4.4	9.8	28++	28	2S	76	79	63	66	5	2	6	3	1	1	18	-	7.5	
MONTGOMERY WSO AP	34	4.5	9.0	40	W	2S	68	71	59	60	4	1	6	1	1	1	14	44	7.1	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL / NATIONAL CLIMATIC CENTER  
DATA SERVICE / ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JANUARY 1978

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JANUARY 1978

STATION		TEMPERATURE											PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.50 OR MORE	1.00 OR MORE
											80° OR ABOVE	70° OR BELOW	60° OR BELOW	50° OR BELOW										
SELMA UNION SPRINGS 4 S		48.2M 47.3	31.0M 27.6M	39.6M 37.5M	- 9.5 -10.3	73 70	7 8	18 16	11 12*	792 858	0 0	1 2	26 0	0 0	8.15 11.50	3.74 7.16	3.14 3.90	25 25	T .0	0 0		9 9	5 8	3 2
DIVISION				37.3	-10.2										6.73	2.36			.8					
COASTAL PLAIN 07																								
ANDALUSIA 1 NW		50.0	27.7	38.9	-10.3	70	7	17	11	797	0	0	25	0	9.78	5.21	5.60	25	.0	0		6	4	2
ATMORE		51.0	31.8	41.4		72	7	20	10	725	0	0	22	0	12.27		5.78	25	T	0		8	6	3
BEATRICE 1 E		47.5M	30.6M	39.1M		68	6	18	10	794	0	0	21	0	8.37	3.91	2.38	26	.0	0		9	7	2
BRANTLEY		50.2M	26.6M	38.4M		70	7	15	11	817	0	0	26	0	10.31	5.78	4.80	25	.0	0		7	5	2
BREWTON 3 ENE		50.2	29.9	40.1		72	7	19	11*	766	0	0	24	0	11.15		6.13	25	T	T	15	8	4	2
BREWTON 3 SSE		52.1	30.3	41.2	- 9.3	74	6	17	11*	734	0	0	22	0	10.72	6.16	6.45	25	.0	0		8	4	2
CAMDEN 3 NW		M	28.9	M		72	8	19	12*		0	2	24	0	6.88		1.80	25	.4	T	20	10	5	3
CHATON 4 N		50.3	32.1	41.2		72	7	12	10	732	0	0	19	0	6.03		1.66	25	T	0		7	5	3
CLAYTON		47.1	28.2	37.7		67	26*	16	11	839	0	3	26	0	9.87	5.64	3.82	25	.0	0		8	6	2
ENTERPRISE 5 NNW		49.1	30.1	39.6		67	26*	18	11	777	0	0	22	0	10.69		4.99	25	.0	0		7	6	2
EUFALA WILDLIFE REF		49.4	28.6	39.0	- 9.8	70	8	17	11	795	0	0	25	0	9.99	5.54	3.70	25	.0	0		9	6	3
EVERGREEN		48.4	29.5	39.0	- 9.4	73	7	17	11	800	0	0	21	0	11.19	6.52	4.30	25	.0	0		9	5	3
FRISCO CITY		47.3	29.1	38.2		71	8	18	11*	823	0	1	24	0	8.16	3.28	2.65	25	T	0		8	5	3
GENEVA 2		50.9	30.5	40.7		70	26	19	12	744	0	0	22	0	10.79		6.42	25				9	4	3
GILBERTOWN		50.6M	29.7M	40.2M		72	7			749	0			0		1.30	24*	1.7						4
GREENVILLE		46.5	27.9	37.2	-12.0	67	7*	16	11	853	0	4	26	0	9.76	4.97	3.12	26	T	0		10	5	2
HEADLAND		49.6	30.1	39.9		70	26	18	11	770	0	0	22	0	9.16		4.25	25	.0	0		7	5	3
HIGHLAND HOME		47.1	28.2	37.7	-10.8	68	6	15	12	843	0	3	26	0	10.49	5.66	4.02	25	T	0		10	6	2
OZARK 6 NNW		50.6M	32.2	41.4M	- 9.1	67	25	18	11*	723	0	0	18	0	10.81	6.65	6.00	25	T	0		7	5	3
PITTSVIEW		48.1M	23.5M	35.8M				13	12*	925	0	1		0	9.53		3.70	25	T	0		9	7	2
THOMASVILLE		47.2	27.9	37.6	- 9.8	72	8	16	10	844	0	3	25	0	5.63	1.03	1.55	25	.5	0		9	5	1
TROY		48.3	31.0	39.7	- 9.4	67	7*	17	11	780	0	0	19	0	9.81	5.50	4.68	25	.0	0		8	5	2
WHITLEY		50.9	28.3	39.6		73	8*	14	9	779	0	0	24	0	8.72	4.21	2.75	25	T	0		9	6	3
DIVISION				39.3	- 9.9										9.55	5.09			.1					
GULF 08																								
BAY MINETTE 3 NNW		51.1	32.1	41.6	-10.1	71	7*	19	11*	720	0	0	20	0	11.30	6.66	4.92	25	T	0		10	6	4
CODEN		51.8	33.7	42.8		69	7	20	15	683	0	0	17	0	15.85		6.60	25	.0	0		8	6	2
DAUPHIN ISLAND 2		51.0	36.8M	43.9M		68	7	26	9	653	0	0	11	0	15.03		9.11	25	.0	0		9	5	4
FAIRHOPE 2 NE		50.7M	32.1M	41.4M	-10.9	71	8	22	11*	731	0	0	20	0	14.43	10.01	9.58	25	.0	0		8	6	3
MOBILE WSO AP		49.5	32.8	41.2	-10.0	69	6	20	10	731	0	0	17	0	10.40	5.69	4.91	24	.4	T	30	11	5	2
ROBERTSDALE		51.7	32.9	42.3	- 9.6	71	8	23	15*	697	0	0	20	0	16.24	11.75	11.12	25	T	0		9	6	2
DIVISION				42.2	- 9.7										13.88	9.39			.1					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
JANUARY 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																	
ATHENS 2	3.04	.05				.20		.22	.05	.31	T		.02	.31	T	.05		.85	T		.10	.49	T			.37	.82	.35					
BELLE MINA 2 N	3.96	.05	.02			.11		.11		.03	.31	T		.02	.31	T	.05		.68	T		.10	.49	T			.05	.94	.58				
FALKVILLE 1 E	4.16	.05	T			.12		.34	.28	.49				.42	.02	.02		.47	.01		.06	.73					.57	.58					
HODGES	4.41	.07				.07		.20	.50	.50			.09	.28	.05	.08		.73			.04	.37				.07	.56	.80					
HUNTSVILLE WSO AP	3.86	.06				.08	.38		.68	T			.10	T	T	T		.40	.33	T		.38	T	T		.80	.60	.05					
MOULTON 2	3.89	.08			.13	.13	T	.35	T				.38	.06	.04	T		.09	.61	.16	.41	.15				.69	.63	.08					
MUSCLE SHOALS FAR AP	4.10	.03			.02	.11		.28		.01			.36	.01	T	T		.72	.07	.01	.24	T		T		.75	.73	.02					
RED BAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RUSSELLVILLE 2	-	.05	-	-	-	.07		.06	.08	-	-	-	T	-	-	.08		.25	T		.30	-	-	-	-	.67	-	-	-	-	-	-	
* * * APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	5.80	.03				.08	.47	.05	.68				.42					.28	.49	.10	.46				.20	1.49	1.05						
BIRMINGHAM WSO AP	4.54	.01				.06	.28	.07	.71	T			.30	T	T	T		.30	.41	T	.35	T		T	1.10	.85	.10						
BOAZ	5.20	.02	T			.70		.08	.07	.58				.08	.05	T		.84	.10		.12	.60	T				.95	1.01					
COLLINSVILLE	5.93	.05	T	-	-	-	-	.56	.26	.23	T	-	-	.80	.30	.05	.08	-	.70		.20	.64	T	-	-	-							
FORT PAYNE	5.60	.05				.76		.43	.10	.66				.24		.07		.72	.09		.12	.62			T	.70	1.04						
GADSDEN CITY	4.80	.05			.04	.02	.57		.41				.45	.05				.85			.18				1.10	1.080	.05						
GUNTERSVILLE	4.70	.05	T			.40		T	.13	.80				.13				.69	T		.24	.46				.30	1.50						
LEEDS	5.92		T			.57		.63	T	.82				.70	T	.25		.70	T		.20	.22				1.00	1.53						
ONEONTA	6.17					.84		.05	.55				T	.30				1.46			.12					1.60	1.25						
PALMERDALE 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAINT BERNARD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAND MT SUBSTA AU	0 5.27	.01				.51		.16	.06	.85				.240	.020	.05		.76			.16	.41		T			.92	1.12					
SAYRE	-	-	-	-	-	.63		.30	.21	-			.05					.87			.05	.42											
SCOTTSBORO	4.82	.08				.41		.46		.30				.18	.18	.06		.05	.12		.11	.35	T		T		1.14	.80					
VALLEY HEAD	6.29	.04				.60		.47	.20	.89				.18	.18	.06		.02	.70	.07	.19	.67	T	T	T		.91	1.10	T				
WARRIOR 6 W	0 5.30	.07				.42	T		.56				.06	.35	T	T		1.06	.03		.100	.40				.11	.84	1.30					
* * * UPPER PLAINS 03																																	
ALICEVILLE	4.99	T				.90		.01	.14	1.00				.40	T		T	.44			.05	.20		.12	.06	.85	.82					T	
ARLEY 3 S	4.17					.41		.12	.14	.32				.33	T		.10	.73			.08	.62				.75	.71						
AUTRUGAVILLE 3 N	7.34					.56		.08	1.14	.41				.28				.94			.46					2.79	1.08						
BANKHEAD LOCK AND DAM	4.27	.03				.32		.08	.41					.38				.63	.01		.06	.37				.83	1.15						
BROOKWOOD	4.96	T				.70		.05	.50				.10	.30				.52			.05	.14	T		T	1.60	1.00						
CARBON HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTREVILLE WSO	4.59	T				.53		.02	.02	.64			T	.34	T			.55	.01		.20	.49			T	1.70	.07				.01	.01	
CLANTON	7.32					.60		.02	.55	.95				.32				.85			.30	.20				2.40	1.15						
CORONA 2 ENE	4.39					.52		.02	.11	.50				.11	.11			.15			.15					.80	1.02						
DOUBLE SPRINGS	4.29	.13				.62		.02	.14	T				.60	T			.70			.60				.70	.73	.05						
ELMO	2.94					.60		.25						.35				.44			.08	.42				.05	.75						
FAYETTE	2.62					.36		.02	.10				.40	.32				.40			.09	.20				.73							
GORDAS	5.03	.01				.38		.05	.78					.34				.90			.07	.50				.75	1.25						
HALEYVILLE 3 NE	4.18	.01			.10	.45		.01	.75				.33	.03	.01	T		.04	.81		.21	.30			.70	.48	.25						
HAMILTON 3 S	4.14	.02	T			.23		.50	.51	.37			T	.28	T			.58	T		.30					.61	.74						
JASPER 4 N	4.54					.76		.12	.06	.42			T	.18	.03			.90	.02		.07	.46				.82	.70						
JAY DAM	6.73					.46		.08	.13	1.39				.34				.72	.05		.40					1.92	1.02					.05	
MICHELL DAM	7.21					.70		.26	.30	1.24				.30				.96	.04		.30	.33				2.14	1.02					.11	
PICKENSVILLE 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PICKENSVILLE 2 SSE	7.82					.25			1.75	.25				.45				.82			.30	.20				2.55	1.25						
REFORM 2 E	4.46	.02				.45		.02	.10	.21			.01	.37	.02	.05		.46	.04		.05	.51				.49	.93	.72				.01	
THORSBY EXP STATION	7.71					.49		.92	1.24	.18			.06	.23	.02			.90			.48					1.23	1.66	.15					
TUSCALOOSA FAR AP	4.92				.36	.42		.02	.54				.30	T			.49	T	.15		.41			T		.93	1.26						
TUSCALOOSA OLIVER DAM	5.00	.02				.82		.21	.04	.41				.34	T			.55	.02		.10	.58				.02	.89	1.20				.03	
VERNON 2 N	0 4.00					.26		.04	.71	.37				.23	T			.45			.020	.40				.06	.66	.80					
WEST BLOCTON	6.40					.95		.10	.30	.50			.05	.20				.85			.15	.46				1.65	1.20						
WINFIELD 2 SW	4.61	.02				.50		.08	.52	.54			.01	.44	.03	T		.60	.02		.04	.37			T	.70	.						



# DAILY PRECIPITATION

ALABAMA  
JANUARY 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PINE LEVEL	10.44	.09					.10	.49	.58					.59				.74	.66	.43						4.20	2.56						
SELMA	8.15		T				.34	.17	1.50					.58	T			.69	T	.40	.30					3.14	1.05				T		
SUTLER							.45											.8	.2	.23						2.36							
UNION SPRINGS 4 S	11.50	.06	T				.07	.67	.35	.88				.66				.94	.62	.72						3.80	2.63						
UNIONTOWN	4.83						.43	.09	.88	.38				.16				.50		.28	.30				.08	1.30	.85						
WARRIOR LOCK AND DAM	4.90						.66	.08	.15	.41			.01	.34				.50		.21	.24					1.50	.40						
X X X COASTAL PLAIN 07																																	
ABBEVILLE 1 NNW	11.58	T							.62				T	.83	T			.59	1.56	.95	T					5.10	1.91			T			
ALBERTA	6.42					1.05		.74	.38					.05				.58		.30	.38					2.22	.71				.01		
ANDALUSIA 1 NW	9.78	.01						.08						.40				.69		.82	.14		.02	.06		5.60	1.89				.07		
ATHENS	12.27		T					.02	.93				.03	.60				.93		1.00					.23	5.78	2.43				.32		
BEATRICE 1 E	8.37						.35	.70						.51				.64		.77				1.95	.94	2.36					.13		
BRANTLEY	10.31							.35	.05					.98				.55		.75	.20					4.80	2.61				.02		
BRENTON 3 ENE	11.15		T	T				.02	.42	.03				.40		.02		.69	T	.94	.16				.06	6.13	2.08				.20		
BRENTON 3 SSE	10.72				T			T	.41					.48	T			.82		.92				.24		6.45	1.10				.30		
BRUNDIDGE	9.00	T		T			.04	.36	.02	.17				.77	T			.74	T	.72	.38					4.08	1.72				T		
CADEN 3 NW	6.88						.45	.21	1.24	.20			T	.14				.52		.55	.39					1.60	1.35				.03		
CHATON 4 N	6.03					.15		.78					.08	T				1.00		.94				.09	1.05	1.88	T			.05	.23		
CLABORNE	8.31	.05				.05	.08	.54	.51					.33				.52		.68	.31	.31				2.85	1.96				.11		
CLAYTON	9.87						.48	.39	T					.90	.05			.74		.91	.50					3.82	2.08						
COFFEE SPRINGS 2 NW	10.80		T						.95					.30		T		.90		1.05	.50					6.25	.85						
COTTONTON	10.65					.30	.49	.40						.75				.54		.91	.08	.06				4.39	2.73						
ELBA	10.82						.05	.12	.18					.88	.02			.82		.81	.43					5.45	2.03				.03		
ENTERPRISE 5 NNW	10.89	.02					.02	T	.76					.65	.03	.01		.85	.01	.83	.38					4.98	1.82				T		
EUFAULA WILDLIFE REF	9.98						.40	.43						.58	.13			.54		1.02	.83	.01				3.70	2.35						
EVERGREEN	11.19						.02	.41	.14					1.02				.68		.73	.19					4.30	3.60				.10		
FAISCO CITY	8.16						.02	.07	.58	.15			.04	1.42	T			.41		.80	.24					2.85	1.78						
GENEVA 2	10.79							.41	.22					.10	.01			.52	.02	1.36	.47	.10	.01		.08	6.42	1.01				.06		
GEORGIANNA	10.85	T				.05	.09	.10	.52					1.12	T			.65		.70	.20					3.00	3.52				T		
GILBERTOWN	-						.41	T	1.30				-	-				.95		1.05					1.30	1.20				0.15	0.01		
GREENVILLE	9.76	.05					.16	.42	.23	.38			T	T				.65		.70	.26					2.80	3.12						
HEADLAND	9.16	.01						.03	.61					.39	.08			.37		1.38	.80					4.25	1.24						
HIGHLAND HOME	10.48	.05				.50	.14	.35						.78	T			.80	.10	.82	.27	T				4.02	2.68						
JACKSON	5.71	.11				.09	.07	.80	.12				.03	.19				.55	.30					.02		2.05	1.15				.23		
KINSTON	10.20	.01					.02	.12	.03				.07	.40	.02			.88	.02	1.01	.35			.03		6.02	1.02				.10		
LOUISVILLE	10.62						.07	.64	.54					.91	.02			.95	.09	1.08	.51					4.03	1.78						
MELVIN	6.91					.18		1.07					.06					.75		1.10	.35				.17	1.60	.78			.20	.65		
NEWTON	11.25							.50	.50									1.00		2.00						5.75	1.40				.10		
OZARK 6 NNW	10.81					.01		1.07	.01				.10	.77				.87		1.45	.07				.43	6.00	.03						
PINE APPLE	10.13						.80	.83	.43					.40						.95	.73					2.89	2.95				.15		
PITTSVIEW	9.53	.02	.01			.05	.44	.51						.63	.14	T		T	.51	.01	.87	.52		.01		3.70	2.05				.06		
THOMASVILLE	5.63	.01				.61	.06	.70	.25				.02	.06		.01		.55		.42	.33			.05		1.55	.90				.11		
TROY	9.81						.03	.28	.09	.28				.72				.75	.80		.48					4.68	1.89						
WALLACE 2 E	12.83							.73				.28		1.20	T			1.50		.40	T					6.50	2.00				.50		
WHITLEY	8.72					.25		1.36	.02					.45		T		.90			.75					2.75	1.60			.13	.51		
X X X GULF 08																																	
BAY MINETTE 3 NNW	11.30		T				.04	.53					.20	.58	T			1.15		1.07	.02	T			.28	2.04	4.82	.01			.12	.34	
CODEN	15.85		.06					.83						.58				.99		.92						5.15	6.60				.35	.37	
DAUPHIN ISLAND 2	15.03		.02	.07			.01	.42					.17	1.36	T			1.31		1.20	.19	.02			.06	.06	9.11	.50		.05	T	.48	
FAIRHOPE 2 NE	14.43		.04					.49						.54	T			1.03		.88	.10	.01			.06	.96	9.50	1.11		.01	.03	.55	
MOBILE WSD AP	10.40	.01	T			.24		.76					.82	T	T			.69	.04	.46					.13	4.91	1.52		T		.34	.21	
ROBERTSDALE	16.24	T		.05				.03	.69				T	.57				.81		1.13	.12	T			.13	11.12	.99		.02	T	.48		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
JANUARY 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	49 47	41 21	41 12	40 18	48 23	50 38		63 44	56 8	24 7	24 11	30 15	32 27	32 18	24 15	31 20	36 29	39 23	31 25	32 23	30 21	34 19	38 16	47 24	46 36	43 9	30 12	32 13	33 14	31 14	30 18	37.2 20.4
BELLE MINA 2 N	MAX MIN	48 40	44 24	33 16	40 16	50 19	50 38	62 48	64 55	58 10	22 9	25 11	32 13	32 27	33 20	24 18	32 19	36 29	38 25	31 26	32 24	28 22	33 17	37 17	46 17	46 37	48 12	25 13	31 16	32 14	31 15	30 16	37.8 22.0
FALKVILLE 1 E	MAX MIN	50 41	47 25	35 15	42 19	52 21	53 42	63 47	64 58	60 12	24 11	25 12	31 13	33 28	34 21	25 19	34 18	39 23	40 24	33 25	33 22	29 20	33 18	38 51	51 39	50 12	29 12	35 17	35 17	32 15	32 15	39.7 22.6	
HUNTSVILLE WSO AP	MAX MIN	47 41	33 25	38 15	50 19	47 33	62 44	64 49	61 22	24 10	30 11	32 25	33 25	31 20	38 25	39 21	32 26	35 27	29 26	33 25	29 23	31 23	37 24	48 22	45 38	48 29	31 31	32 20	33 17	30 16	35 24	37.7 23.2	
MOULTON 2	MAX MIN	46 35	36 21	42 14	51 17	48 32	65 46	66 49	63 29	29 11	26 12	30 13	31 26	27 19	38 18	39 26	40 25	30 24	33 27	29 24	33 22	40 21	50 17	44 36	50 41	41 11	35 18	34 16	31 16	34 15	36 24	39.7 23.6	
MUSCLE SHOALS FRA AP	MAX MIN	47 29	33 19	42 16	49 19	51 32	64 44	68 48	62 19	24 12	26 13	29 26	33 31	34 14	25 27	32 19	37 24	39 15	31 23	32 24	33 21	35 26	45 24	44 31	47 31	31 12	32 18	32 18	31 19	29 18	34 27	38.1 23.1	
RED BAY	MAX MIN	46 37	36 24	38 11	52 11	48 28	64 32	63 44	65 54	27 9	30 27	33 33	33 36	35 35	37 37	39 39	40 40	38 38	25 25	38 38	42 42	47 47	40 40	42 42	37 37	36 36	36 36	33 33	36 36	39 39	39.9		
RUSSELLVILLE 2	MAX MIN	47 39	41 18	30 10	42 10	47 14	49 40	65 45	65 54	54 9	22 8	24 10	26 11	29 25	32 16	24 15	32 15	36 28	39 19	27 21	31 21	28 17	35 16	39 14	49 15	49 37		27 12	32 12	33 12	30 12	31 13	37.2 19.6
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSA	MAX MIN	53 33	48 24	47 18	46 19	59 30	65 43	68 48	58 18	28 14	32 11	36 11	35 26	35 28	28 17	40 24	48 24	44 28	36 26	41 25	29 23	32 25	44 28	55 29	53 31	54 34	42 18	41 18	38 19	36 23	43 29	43.5 24.7	
BIRMINGHAM WSO AP	MAX MIN	48 33	35 22	42 17	52 20	55 39	62 51	65 57	61 25	25 14	27 16	31 29	32 27	33 21	27 23	36 23	44 27	43 28	32 26	39 28	28 26	29 24	41 27	53 26	50 34	50 34	34 19	37 22	35 19	34 22	38 30	40.3 26.7	
GUNTERSVILLE	MAX MIN	53 28	54 26	50 19	52 18	50 31	54 39	67 47	63 48	58 10	34 11	32 21	33 23	34 29	35 19	36 20	38 14	41 9	41 23	36 25	34 23	39 36	40 16	52 18	49 33	41 33	49 13	35 10	34 16	36 19	35 14	43 30	43.5 23.0
ONEONTA	MAX MIN	50 39	46 25	36 16	42 14	53 18	52 35	61 49	63 54	60 11	22 12	25 14	31 18	32 28	32 22	23 20	34 20	40 27	41 24	35 25	39 23	28 21	33 21	51 23	49 38	48 14	30 15	38 17	37 15	30 16	36 17	39.9 23.0	
SAINT BERNARD	MAX MIN																																
SAND MT SUBSTA AU	MAX MIN	50 39	45 24	33 15	40 16	51 24	48 33	56 37	59 55	57 8	19 7	22 10	29 11	32 26	32 19	23 13	31 19	38 25	39 24	38 25	37 22	37 20	41 23	49 27	43 22	46 23	26 10	32 15	32 16	30 13	32 14	37.6 21.2	
SCOTTSBORO	MAX MIN	50 38	46 26	37 15	43 15	53 17	45 29	61 43	64 51	58 10	23 10	27 10	33 12	31 24	34 21	27 21	35 23	40 27	40 27	37 27	39 25	30 24	36 23	42 21	52 21	49 38	48 13	27 15	33 13	35 14	33 15	40.1 22.0	
VALLEY HEAD	MAX MIN	52 37	45 24	34 11	42 11	52 28	49 32	55 44	60 54	58 7	19 7	22 9	32 10	32 28	33 20	23 20	34 18	38 26	34 26	40 26	37 23	27 22	33 21	41 19	50 22	46 34	48 11	24 11	32 9	32 10	30 11	32 13	38.3 20.8
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	52 39	52 29	34 15	45 16	54 18	60 42	70 49	68 54	60 16	28 16	33 16	34 16	36 31	35 26	30 19	39 20	48 34	39 26	34 26	35 25	29 20	35 21	44 26	63 29	53 43	53 22	33 21	39 19	38 18	37 21	32 26	43.3 25.8
BANKHEAD LOCK AND DAM	MAX MIN	46 43	45 31	35 23	42 20	49 21	53 36	63 47	66 52	54 17	36 14	37 15	32 16	32 14	34 22	24 22	39 23	45 30	39 26	32 27	37 22	28 20	42 25	52 30	58 42	58 20	30 21	37 20	36 22	36 23	32 25	41.3 26.4	
CENTREVILLE WSMO	MAX MIN	54 45	53 30	40 19	46 20	54 20	58 35	68 52	68 58	60 16	31 14	33 14	37 15	36 29	36 23	29 23	41 23	48 31	44 26	36 26	40 25	29 23	31 23	46 28	55 42	54 24	56 19	42 20	42 20	39 24	34 24	34 24	44.1 26.4
CLANTON	MAX MIN	52 38	51 29	41 18	48 17	56 20	60 31	64 47	68 56	60 15	30 15	34 15	39 17	37 29	35 24	28 21	41 22	46 29	45 26	40 27	42 25	30 26	34 24	48 56	52 45	58 22	52 22	43 19	41 19	40 21	35 25	44.8 25.6	
DOUBLE SPRINGS	MAX MIN	46 40	43 20	36 11	46 16	51 18	51 38	65 50	64 55	55 10	27 10	27 11	30 12	31 26	33 17	25 17	36 23	40 30	39 21	32 23	33 18	29 20	34 19	40 53	50 38	50 11	50 29	37 10	37 14	34 15	35 21	39.9 21.0	
FAYETTE	MAX MIN		47 24	46 16	47 17	53 17	56 38	70 53	69 58	58 14	34 16	32 15	33 15	34 29		28 19	40 19	47 32	39 25	33 24	35 21	30 21	36 22	45 26	54 42	53 18	32 17	39 12		37 19	33 23	43.2 24.2	
HALEYVILLE 3 NE	MAX MIN	46 39	40 20	39 13	48 21	46 33	62 44	64 50	62 30	31 10	25 12	27 12	31 25	31 26	28 17	31 17	39 25	38 24	29 20	31 24	30 22	30 18	37 23	49 22	45 33	50 43	50 12	34 16	34 14	31 15	34 25	38.9 23.2	
HAMILTON 3 S	MAX MIN	48 41	46 22	36 10	46 10	50 13	52 38	67 41	68 47	59 12	27 12	29 12	31 12	33 25	33 15	25 15	37 15	45 30	39 22	31 22	32 16	30 16	36 17	44 18	55 40	52 13	53 14	29 12	37 13	36 15	34 19	41.1 20.6	
JASPER 4 N	MAX MIN	49 35	46 25	36 13	42 14	50 14	65 32	65 45	65 55	59 12	25 13	28 13	32 20	32 34	27 21	35 21	43 29	40 25	34 25	35 22	30 22	35 22	40 19	51 19	50 42	51 16	29 15	32 14	35 15	35 20	33 20	40.8 22.7	
THORSBY EXP STATION	MAX MIN	49 40	44 29	47 19	55 19	54 32	64 47	67 55	63 42	15 15	32 15	37 14	35 28	34 31	43 19	21 21	45 30	44 34	34 15	41 31	39 25	32 25	46 26	55 52	55 49	55 21	47 22	40 18	40 18	39 22	35 45	45 27.7	
TUSCALOOSA FRA AP	MAX MIN	46 42	35 31	42 22	50 16	55 26	64 48	65 49	57 24	28 14	28 15	31 18	34 29	35 25	29 21	48 21	48 28	41 28	33 29	38 29	29 21	43 23	53 26	49 43	52 35	52 23	39 19	38 15	37 15	34 22	42 25	41.3 26.1	
TUSCALOOSA OLIVER DAM	MAX MIN	52 42	49 31	38 21	45 21	54 31	60 36	69 43	69 58	60 18	37 17	32 18	35 23	35 30	28 25	28 23	41 31	49 31	42 27	34 26	39 26	30 26	35 26	43 26	56 48	54 48	53 22	34 23	33 15	37 22	36 25	43.5 26.9	
VERNON 2 N	MAX MIN	48 40	48 24	37 12	46 13	52 15	64 41	71 46	68 55	67 14	28 13	29 12	31 13	32 29	33 14	29 14	39 19	43 33	35 23	32 24	33 24	30 14	37 25	43 21	53 54	53 15	31 16	30 14	41 16	32 23	42.3 23.2		
WINFIELD 2 SW	MAX MIN	48 43	45 24	37 13	46 13	50																											

## DAILY TEMPERATURES

ALABAMA  
JANUARY 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALERA 2 SW	MAX MIN	50 37	45 29	46 14	55 14	61 25	65 47	67 55	64 42	43 15	32 15	35 13	35 28	34 32	33 21	40 23	46 21	44 31	37 26	40 34	40 25	29 23	34 29	55 22	52 41	55 43	52 20	42 20	41 12	38 18	36 18	45 31	44.9 26.6
CENTRE 4 SW	MAX MIN	50 40	48 27	37 16	44 17	50 27	47 34	52 45	61 51	59 12	23 13	26 13	33 18	32 27	35 23	28 23	35 21	41 27	40 28	38 30	39 26	31 25	34 24	42 30	50 38	44 38	48 15	29 16	36 19	35 18	33 16	35 23	39.8 24.7
CHILDERSBURG WTR PLANT	MAX MIN	52 38	47 30	42 18	55 16	60 25	65 47	66 55	65 46	46 16	31 17	31 14	36 25	35 32	39 24	48 22	47 33	34 27	34 28	43 32	42 27	34 26	46 28	55 21	57 41	55 44	54 21	40 17	40 17	39 20	35 20	42 32	45.6 27.9
CRASOEN STEAM PLANT	MAX MIN	49 38	48 27	41 19	44 19	53 27	49 41	58 49	60 54	57 12	23 14	26 12	31 14	31 28	34 24	32 22	37 22	40 25	47 26	38 32	42 26	32 25	35 27	45 26	51 33	42 37	48 15	30 20	37 19	35 20	34 16	36 27	40.8 25.7
TALLADEGA	MAX MIN	50 36	43 28	45 17	52 15	62 38	63 39	63 39	65 44	44 12	30 14	31 16	41 12	33 22	30 25	46 20	49 21	45 30	38 27	42 32	39 26	42 25	46 28	51 21	49 40	55 43	52 19	38 19	40 15	38 15	42 30	45.0 25.4	
PIEDMONT PLATEAU	05																																
ALEXANDER CITY	MAX MIN	55 42	51 32	43 22	51 23	57 26	62 34	61 50	64 59	63 18	27 17	32 16	40 20	36 31	37 24	30 25	32 29	46 30	45 29	41 31	40 28	31 27	38 29	50 29	55 32	48 44	57 23	33 24	42 19	43 19	41 23	42 26	44.9 28.4
ASHLAND 2 SSE	MAX MIN	51 35	47 26	37 20	45 20	55 21	57 28	57 47	60 54	60 20	24 13	28 12	34 12	32 23	33 27	27 20	34 21	45 25	42 25	38 25	40 23	28 25	34 23	46 25	52 25	44 37	55 19	29 18	36 18	36 18	34 19	35 19	41.1 23.8
AUBURN AGRONOMY FARM	MAX MIN	54 40	52 30	41 20	50 20	56 35	64 47	57 50	64 55	61 16	29 16	34 15	40 27	38 32	37 27	23 23	39 23	48 28	47 28	44 31	44 28	30 27	41 27	51 31	54 32	58 41	65 27	35 21	42 22	41 22	39 22	38 23	45.8 28.6
MEFLIN	MAX MIN	53 37	48 26	35 14	44 12	54 22	51 40	58 50	60 55	57 10	22 10	28 10	32 20	32 29	21 20	23 20	35 18	43 32	41 25	38 32	42 22	37 25	34 20	39 32	53 32	32 16	28 17	39 17	38 17	34 11	38 23	39.8 23.6	
LAFAYETTE	MAX MIN	52 42	46 29	50 17	58 21	63 29	57 46	65 58	62 15	30 15	34 13	37 20	41 21	36 31	35 22	40 21	48 22	47 35	38 27	43 34	40 27	41 25	50 27	56 34	47 27	62 24	36 19	44 16	42 16	37 17	46 32	45.9 26.2	
MARTIN DAM	MAX MIN	53 32	46 24	48 23	58 28	62 46	60 48	65 56	67 19	32 15	33 18	38 26	39 31	39 25	32 21	38 21	40 24	46 27	43 29	44 28	34 25	38 31	45 28	56 41	54 42	60 26	35 21	41 20	38 22	39 22	37 28	42 30	45.2 28.3
OPELIKA	MAX MIN	54 41	52 31	43 23	48 23	56 27	65 28	58 47	55 58	64 18	30 17	34 15	41 16	38 18	38 22	41 21	47 29	48 29	48 28	44 28	32 27	42 27	52 32	54 32	52 30	65 41	35 30	44 21	42 21	41 23	37 22	46.1 26.8	
ROCKFORD 2 NNW	MAX MIN	52 40	51 28	40 17	47 17	55 23	57 35	62 52	64 57	60 16	30 14	33 12	39 12	35 28	35 23	26 21	40 22	45 28	45 25	40 25	42 25	30 27	37 25	49 20	54 27	52 40	57 20	34 20	42 18	41 17	40 22	37 22	44.2 24.9
ROCK MILLS	MAX MIN	53 37	50 30	42 18	49 15	55 22	60 30	60 45	62 53	62 14	27 15	33 13	40 20	35 28	36 25	27 22	40 19	46 26	47 28	42 29	42 28	32 26	40 27	49 31	53 39	54 22	59 22	34 20	41 19	40 16	38 24	44.5 25.1	
PRAIRIE	06																																
DAYTON 1 N	MAX MIN	56 46	52 31	40 19	45 18	57 25	66 47	71 52	72 63	68 18	31 17	35 18	38 27	37 33	36 27	37 21	43 25	53 27	39 28	38 26	39 30	31 30	35				38 28	42 22	40 20	40 26	39 31	45.1 26.2	
DEMOPOLIS LOCK AND DAM	MAX MIN	56 42	55 29	39 16	46 16	57 17	64 35	73 50	71 60	60 13	33 15	36 20	37 15	37 32	36 28	33 23	40 23	52 32	48 28	36 27	39 26	29 26	32 25	45 28	54 29	52 43	56 23	37 23	42 24	40 23	40 24	34 28	45.1 27.2
GAINESVILLE	MAX MIN	57 44	51 30	39 18	47 19	54 20	62 40	73 55	70 58	60 18	31 17	34 18	35 18	36 31	35 28	30 21	41 21	50 34	39 27	34 25	36 25	31 24	45 25	54 27	52 43	54 25	37 23	43 21	41 21	39 24	34 28	44.4 27.6	
GREENSBORO	MAX MIN	52 42	43 28	49 17	55 21	61 37	71 50	69 54	61 17	38 16	27 17	36 16	39 30	36 31	32 25	41 21	49 25	45 28	38 27	40 30	31 24	31 24	46 27	55 43	53 37	56 37	38 24	44 21	41 19	36 20	48 25	45.6 27.6	
HAYNEVILLE	MAX MIN	51 42	55 30	40 19	51 20	56 31	64 36	64 53	66 54	70 18	38 18	39 18	40 21	38 31	40 27	38 21	50 20	50 26	50 29	32 28	30 26	32 28	40 26	48 28	55 30	50 26	38 25	40 23	44 23	44 25	35 29	47.8 28.2	
LIVINGSTON 2 SW	MAX MIN	57 45	54 30	44 17	51 15	58 20	71 40	72 55	71 55	60 17	34 16	34 20	40 20	34 30	36 27	40 18	50 21	53 29	35 26	35 25	35 25	44 27	52 25	53 30	54 45	57 24	34 21	50 18	43 21	40 18	45 31	47.5 27.1	
MARION JUNCTION 2 NE	MAX MIN	52 43	53 30	40 18	47 18	55 18	64 33	70 51	68 55	37 15	30 16	33 15	37 15	37 30	37 25	31 23	39 23	48 29	45 26	37 25	41 24	31 25	47 24	53 25	51 41	58 26	35 20	41 19	40 18	39 24	34 26	44.7 26.1	
WINTER 3 NW	MAX MIN	52 45	51 32	40 21	46 23	57 23	66 35	67 54	70 58	61 18	30 18	35 17	37 18	40 30	35 27	31 24	50 25	52 32	30 27	39 26	42 26	30 26	32 30	46 32	54 30	50 28	60 23	43 21	40 21	35 23	45.5 28.5		
MONTGOMERY W50 AP	MAX MIN	56 44	45 30	51 24	58 23	69 31	67 51	71 61	67 33	35 24	39 23	42 23	43 33	40 35	43 29	43 25	52 26	50 34	39 32	47 37	37 31	40 31	50 32	55 44	53 40	63 40	41 28	46 26	45 26	44 29	37 36	49 36	48.7 32.2
SELMA	MAX MIN	55 45	49 33	51 23	57 22	65 31	70 50	73 60	68 53	34 20	36 20	40 18	45 30	40 32	42 27	31 27	50 31	50 32	38 28	44 34	39 28	36 28	50 29	55 38	60 50	31 25	44 24	43 24	39 28	39 28	49 34	48.2 31.0	
UNION SPRINGS 4 S	MAX MIN	53 46	55 32	44 21	51 21	60 26	63 34	67 58	70 19	67 16	27 18	38 16	42 16	41 30	35 27	30 22	49 25	44 27	50 27	47 27	48 27	36 28	42 29	50 28	54 32	54 42	53 30	37 23	42 23	38 23	40 27	38 27	47.3 27.6
COASTAL PLAIN	07																																
ANDALUSIA 1 NW	MAX MIN	59 41	57 32	39 21	52 19	61 20	68 29	70 49	68 50	65 20	35 18	40 17	43 18	40 29	39 29	35 22	44 21	55 32	56 29	42 29	47 28	35 28	42 29	53 26	52 35	63 46	69 36	44 19	49 20	48 21	42 22	39 28	50.0 27.7
ATMORE	MAX MIN	62 49	59 35	40 23	53 26	62 35	71 39	72 56	71 60	61 22	38 20	41 21	46 26	44 32	40 25	36 25	45 25	58 32	54 28	41 30	42 28	36 29	46 29	52 32	49 39	63 48	68 35	45 25	51 27	50 25	49 23	36 31	51.0 31.8
BEATRICE 1 E	MAX MIN	54 40	42 31	46 23	52 25	59 30	68 38	66 53	62 57	59 23	35 18	37 20	38 22	36 33	35 23	43 25	46 27	54 33	43 32	47 31	34 26	38 27	47 31	54 33	55 35	59 46	56 33	42 25	48 27	45 25	37 27	47.5 30.6	
BRANTLEY	MAX MIN	58 31	34 17	52 18	62 21	69 32	70 41	69 58	66 50	35 18	37 15	38 17	42 17	40 32	40 21	35 22	44 21	52 32	56 28	44 28	49 28	36 28	55 25	58 32	62 45	69 30	42 19	48 22	47 22	45 22	39 27	50.2 26.6	
BREWTON 3 ENE	MAX MIN	60 46	58 36	40 22	52 21	61 21	69 3																										

# DAILY TEMPERATURES

ALABAMA  
JANUARY 1978

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CLAYTON	MAX MIN	51 40	57 32	38 21	50 22	58 30	67 38	60 50	66 53	63 19	31 18	33 16	40 19	38 28	38 27	30 21	40 24	49 30	50 27	44 28	46 28	32 27	42 28	50 30	52 32	63 41	67 30	38 22	44 22	44 23	42 21	38 27	47.1 28.2	
ENTERPRISE 5 NNW	MAX MIN	55 42	60 35	39 23	52 32	60 38	67 38	66 49	64 53	64 21	34 19	37 18	41 20	38 33	39 29	34 23	43 24	51 30	57 29	43 29	48 34	34 27	41 29	53 32	52 38	65 45	67 36	42 24	47 26	46 24	44 25	39 29	49.1 30.1	
EUFALA WILDLIFE REF	MAX MIN	52 41	55 34	42 20	52 19	60 23	68 51	61 50	70 54	68 21	34 18	36 17	42 20	40 28	39 25	40 25	41 22	52 29	57 31	45 32	47 32	35 28	45 28	49 28	54 34	63 44	67 34	41 21	47 22	48 25	43 22	38 29	49.4 28.6	
EVERGREEN	MAX MIN	57 43	56 34	38 21	50 23	60 30	69 35	73 45	67 60	63 22	35 18	37 17	41 19	39 34	37 29	41 24	53 25	53 33	43 28	33 29	40 29	43 27	33 28	39 27	50 31	53 36	58 46	62 34	43 20	48 22	45 21	46 23	35 30	48.4 29.5
FRISCO CITY	MAX MIN	50 35	37 28	37 21	48 23	58 28	68 37	70 58	71 52	70 22	34 18	35 18	40 19	39 31	36 29	43 22	43 24	55 31	53 28	37 29	40 27	32 27	35 29	49 49	50 50	55 49	65 33	41 23	47 25	45 21	44 21	40 29	47.3 29.1	
GENEVA 2	MAX MIN	56 40	61 36	42 23	51 28	58 28	68 32	67 49	67 52	64 22	36 22	40 20	42 19	40 33	42 30	39 23	42 25	57 30	63 30	46 31	51 30	36 29	43 29	51 37	49 39	68 49	70 37	46 25	49 26	47 24	46 26	42 30	50.9 30.5	
GILBERTOWN	MAX MIN	54 48	58 25	48 16	57 20	66 31	71 50	72 51	66 41		42						58 26	54 34	38 28	36 28	35 28	36 27	48 30	52 29	52 40	67 41	47 29	48 19	46 21	45 20	40 29	42 30	50.6 29.7	
GREENVILLE	MAX MIN	51 42	53 32	38 20	48 19	57 25	67 34	67 53	64 56	65 17	32 17	30 16	39 18	40 32	36 27	32 23	42 23	52 31	52 27	40 27	44 26	32 26	42 27	49 28	54 32	55 45	66 30	40 22	44 22	42 21	37 22	37 28	46.5 27.9	
HEADLAND	MAX MIN	54 40	61 36	41 24	52 25	58 27	68 35	67 49	65 52	64 22	34 20	38 18	40 19	40 31	40 29	37 23	41 25	55 31	60 29	44 30	50 31	34 29	43 29	50 33	51 36	66 44	70 37	42 25	46 26	45 25	43 26	40 28	49.6 30.1	
HIGHLAND HOME	MAX MIN	50 43	55 31	38 21	49 21	59 26	68 40	65 54	66 58	65 19	32 17	35 16	39 15	39 30	37 23	39 20	42 26	50 30	52 26	40 27	45 27	31 26	37 27	50 30	56 30	57 44	66 29	39 21	45 21	43 21	41 24	36 30	47.1 28.2	
OZARK 6 NNW	MAX MIN	61 41	52 35	53 23	59 29	62 35	65 48	64 51	65 57	57 20	39 18	42 18	39 27	39 35	37 29	43 22	49 28	57 41	47 29	48 35	47 29	43 28	52 29	52 35	67 42		48 50	46 34	45 24	42 24	52 25	32 32	50.6 32.2	
PITTSVIEW	MAX MIN	52 37	58 30	41 15	52 19	59 22	67		69	66	33	37	42	40	40	31	42	51	54	44	45	33	45	49	55	62	67	39	46	45	43	37	48.1 23.5	
THOMASVILLE	MAX MIN	55 45	56 32	40 19	49 19	59 24	67 37	71 56	72 59	60 18	35 16	38 17	40 17	40 30	36 28	30 19	45 19	55 34	47 27	36 27	38 25	31 24	33 26	49 29	54 29	54 46	60 30	42 20	47 20	47 19	45 24	32 29	47.2 27.9	
TROY	MAX MIN	55 41	47 33	50 22	59 30	67 35	60 48	67 55	64 46	47 19	35 18	40 17	38 28	37 35	35 26	42 22	48 26	54 36	36 28	45 33	43 28	40 28	49 28	54 33	52 39	66 50	50 31	44 24	45 23	43 23	37 24	48 31	48.3 31.0	
WHATLEY	MAX MIN	58 46	49 32	47 16	55 16	69 28	72 46	73 49	73 52	70 14	43 17	38 16	40 28	41 30	38 29	45 21	55 24	56 37	39 28	39 29	38 27	39 28	50 27	54 32	62 31	55 39	50 31	48 20	49 18	45 18	42 19	45 27	50.9 28.3	
• • •																																		
GULF	08																																	
BAY MINETTE 3 NNW	MAX MIN	60 48	50 34	50 21	62 24	70 39	71 51	71 60	64 49	50 21	41 19	45 19	44 29	44 35	38 24	45 23	60 28	57 42	42 28	40 31	37 28	41 29	51 28	51 38	55 41	67 42	53 31	50 23	49 26	47 23	43 29	35 31	51.1 32.1	
COOEN	MAX MIN	60 50	53 35	50 26	60 27	66 40	67 51	69 59	64 51	51 23	43 22	43 23	53 32	49 38	38 30	42 20	61 26	58 38	41 29	42 34	39 29	42 30	53 30	58 35	61 40	62 48	49 35	48 30	51 30	51 27	45 30	38 33	51.8 33.7	
ORUPHIN ISLAND 2	MAX MIN	59 41	57 39	43 33	47 34	58 44	67 50	68 56	67 55	66 26	41 28	40 30	44 31	57 39	42 32	40 28	50 32	60 33	54 31	42 31	42 31	39 31	41 32	46 35	55 41	64 51	65 38	49 35	46 35	46 34	47 34	38 34	51.0 36.8	
FAIRHOPE 2 NE	MAX MIN	61 50	58 36	42 26	49 25	60 32	68 41	70 53	71 24		39 22	41 22	45 23	50 33	40 31		43 25	60 36	52 30	42 30	41 30	38 29	42 30	52 36	51 40	62 51	65 36	46 26	49 30	49 26	49 32	35 33	50.7 32.1	
MOBILE WSO AP	MAX MIN	57 44	54 33	40 26	60 27	68 42	69 52	68 61	62 33	39 24	41 20	45 22	47 33	41 33	35 28	45 23	58 29	57 33	39 30	37 29	42 30	39 30	51 31	53 40	56 46	64 39	45 33	51 26	50 30	50 26	34 32	36 33	49.5 32.8	
ROBERTSDALE	MAX MIN	62 50	60 37	42 28	53 27	61 29	70 40	70 49	71 56	62 28	39 23	42 23	46 23	49 34	40 31	38 23	46 25	61 36	54 31	41 31	42 30	39 30	45 30	54 32	52 42	62 51	67 37	47 27	51 27	50 28	50 28	37 33	51.7 32.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
JANUARY 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	1 IN																																	
	2	MAX	53	52	46	43	47	54	54	61	60	41	37	39	38	40	36	43	44	45	42	42	37	48	52	50	51	51	42	46	44	45	36	45.8
		MIN	43	37	33	35	35	42	48	52	35	34	33	34	35	34	32	32	34	37	38	37	33	33	34	42	41	38	35	33	32	32	35	36.4
	4	MAX	49	50	44	47	49	51	51	57	58	42	38	40	39	39	39	39	44	45	43	42	37	44	47	48	50	53	43	42	41	41	37	44.8
		MIN	43	39	35	38	38	42	47	51	39	38	37	35	37	35	33	33	36	39	40	40	37	34	34	35	43	44	42	38	34	34	36	38.1
BREWTON 3 ENE	1 IN																																	
	4	MAX	57	55	45	48	51	57	61	63	61	46	44	44	41	41	39	46	48	50	44	43	41	46	50	47	51	59	49	44	48	48	40	48.6
		MIN	50	44	36	36	36	39	50	54	39	34	34	34	37	37	35	35	35	39	38	37	35	35	36	42	46	41	37	36	35	36	38.5	
HEADLAND	1 IN																																	
	4	MAX	54	55	47	45	47	62	57	59	60	41	38	36	41	45	40	37	47	54	47	47	45	44	47	47	55	60	46	45	41	39	40	47.4
		MIN	48	45	36	37	36	37	46	50	38	33	34	34	36	38	33	33	35	41	38	41	38	34	36	39	44	40	38	36	36	34	33	38.0
PITTSVIEW	1 IN																																	
	4	MAX	53	54	45	49	50	54	-	60	59	46	43	42	44	42	39	44	45	48	45	45	42	48	49	49	51	55	49	47	44	44	38	47.4
		MIN	49	41	36	38	39	39	-	49	43	39	37	38	37	38	37	37	37	42	41	42	38	38	39	39	43	44	37	38	37	37	37	39.5
THORSBY EXP STATION	1 IN																																	
	4	MAX	53	45	48	49	50	55	58	61	47	48	42	41	41	41	44	44	44	44	43	39	40	48	49	53	50	52	48	49	43	42	43	46.9
		MIN	43	43	39	39	36	50	55	47	41	39	38	40	41	39	38	39	39	44	39	39	39	40	39	45	45	40	38	40	38	38	39	40.9
WINFIELD 2 SW	1 IN																																	
	4	MAX	47	47	46	44	41	47	57	56	56	40	37	37	36	36	35	35	41	40	38	36	36	36	42	48	48	46	48	38	38	38	35	42.2
		MIN	47	39	37	37	38	41	47	50	40	37	36	35	35	35	35	35	38	36	36	36	36	36	36	37	44	43	38	35	35	35	35	38.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# SNOWFALL AND SNOW ON GROUND

ALABAMA  
JANUARY 1978

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BELLE MINA 2 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	T	-	-	-	T	.S	-	-	-	-	4.0	T	-	-	-	-	-	.S	-	-	-	-	-
FALKVILLE 1 E	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	-	-	-	T	T	.2	.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HUNTSVILLE WSO AP	SNOWFALL SN ON GND WTR EQUIV	-	-	-	-	-	-	-	-	T	T	-	T	T	T	T	T	T	T	2.8	T	2	1	T	T	T	T	.6	T	T	-	-	
HOULTON 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	T	-	.3	T	T	.8	T	T	T	1.5	1.5	2	2	T	T	-	.S	T	T	T	T	T	
MUSCLE SHOALS FFA AP	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	T	-	-	-	T	T	T	T	T	4.4	T	4	3	3	1	-	.S	1.0	T	T	-	-	
RED BAY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RUSSELLVILLE 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	T	-	-	.8	-	-	T	-	5.0	-	4	1	-	-	T	-	-	-	-	-	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	
BIRMINGHAM WSO AP	SNOWFALL SN ON GND WTR EQUIV	-	-	-	-	-	-	-	-	T	T	-	-	T	T	T	-	T	T	.9	T	1	1	T	T	-	T	1.0	T	T	-	-	
GUNTERSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.S	-	-	-	-	-	
ONEONTA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	2.0	-	-	-	-	-	2.5	-	-	-	-	.S	-	-	-	-	-	
SAND HT SUBSTA AU	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2	.S	-	-	-	-	T	-	-	-	-	-	T	-	-	-	-	
SCOTTSBORO	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VALLEY HEAD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	1.2	T	T	T	.S	.8	.S	T	T	T	T	1.5	T	T	T	T	-	1.3	T	T	T	T	T	
UPPER PLAINS 03																																	
ALICEVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	4.0	-	-	-	-	-	-	-	-	-	-	T	
CENTREVILLE WSO	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	T	-	-	-	.S	1	-	-	-	-	-	T	-	-	-	-	
CLANTON	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.S	-	-	-	-	-	-	-	-	-	-	-	
DOUBLE SPRINGS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	-	-	-	-	-	T	-	-	-	-	6.0	-	-	-	-	-	.S	-	-	-	-	-	
FAYETTE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	
HALEYVILLE 3 NE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAMILTON 3 S	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	-	-	-	T	T	.3	T	T	T	2.2	2	2	T	T	T	T	T	T	T	T	T	T	
JASPER 4 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	1	T	T	T	T	T	
THORNSBY EXP STATION	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TUSCALOOSA FFA AP	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	1.0	1	-	-	-	-	-	-	-	-	-	-	T	
VERNON 2 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	T	-	T	-	-	-	-	4.0	-	-	-	-	-	T	-	-	-	-	-	
EASTERN VALLEY 04																																	
ANNISTON FFA AP	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	.3	T	T	1.0	1	-	-	-	-	T	T	-	-	-	-	-	-	T	T	-	-	-	
CENTRE 4 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	T	T	-	-	T	T	T	T	-	-	-	-	-	T	T	-	-	T	T	-	-	-	-	
CHILDOERSBURG WTR PLANT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GAOSDEN STEAM PLANT	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TALLADEGA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIEDMONT PLATEAU 05																																	
ASHLAND 2 SSE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	-	-	1.0	1	.S	-	-	-	T	T	-	-	-	-	-	-	-	-	-	-	-	
AUBURN AGRONOMY FARM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	T	T	-	-	T	-	-	-	-	-	-	-	-	-	T	T	-	-	-	-	

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# SNOWFALL AND SNOW ON GROUND

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STATION		DAY OF MONTH																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HEFLIN	SNOWFALL SN ON GND														1.0																					
LAFAYETTE	SNOWFALL SN ON GND												T		T																					
ROCKFORD 2 NNW	SNOWFALL SN ON GND																					T														
PRAIRIE 06																																				
DAYTON 1 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GAINESVILLE	SNOWFALL SN ON GND												T	T	T	T			T		5.0 S		4	2										T		
GREENSBORO	SNOWFALL SN ON GND													T																					T	
HAYNEVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LIVINGSTON 2 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARION JUNCTION 2 NE	SNOWFALL SN ON GND														T						T															
MINTER 3 NW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONTGOMERY WSO AP	SNOWFALL SN ON GND WTR EQUIV														T						T														T	
SELMA	SNOWFALL SN ON GND														T					T														T		
COASTAL PLAIN 07																																				
ATHORE	SNOWFALL SN ON GND		T										T																							T
CAMDEN 3 NW	SNOWFALL SN ON GND																					.4														
CHATAM 4 N	SNOWFALL SN ON GND												T																					T	T	
FRISCO CITY	SNOWFALL SN ON GND														T																					
GILBERTOWN	SNOWFALL SN ON GND																																			
GREENVILLE	SNOWFALL SN ON GND											T	T																						1.5	.1
HIGHLAND HOME	SNOWFALL SN ON GND															T						T														
OZARK 6 NNW	SNOWFALL SN ON GND												T																							
PITTSVIEW	SNOWFALL SN ON GND															T	T																			
THOMASVILLE	SNOWFALL SN ON GND															T						.5													T	
WHATLEY	SNOWFALL SN ON GND															T																				
GULF 08																																				
BAY MINETTE 3 NNW	SNOWFALL SN ON GND		T												T						T															
MOBILE WSO AP	SNOWFALL SN ON GND WTR EQUIV		T												T														T	T				.4 T		
ROBERTSDALE	SNOWFALL SN ON GND			T																	T									T			T	T		

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLSON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A			HENRY D OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	MIO	MIO		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTAGAVILLE 3 N	0440	03	AUTAGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MIO	MID		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MID	MID		C	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS CLARA T PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EOLSON
COLLINSVILLE	1849	02	OE KALB	7	34 15	85 53	750		5P			R O HEARD
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C	JERRY R MARTIN
EUFAULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFAULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A		AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	OE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOSY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON

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								TEMP.	PRECIP.	EVAP.	SPECTRAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		C H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAOISON	12	34 39	86 46	624	M10	M10	M10	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A			ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A			MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A			MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490					ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FRA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FRA
NEW MARKET 2	5867	01	MAOISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 31	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635					TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195					MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190					ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J CHANLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAOISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J DILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAM8IA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 33	86 13	190		8A			REBECCA W STANLEY
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

SEE REFERENCE NOTES FOLLOWING STATION INDEX



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

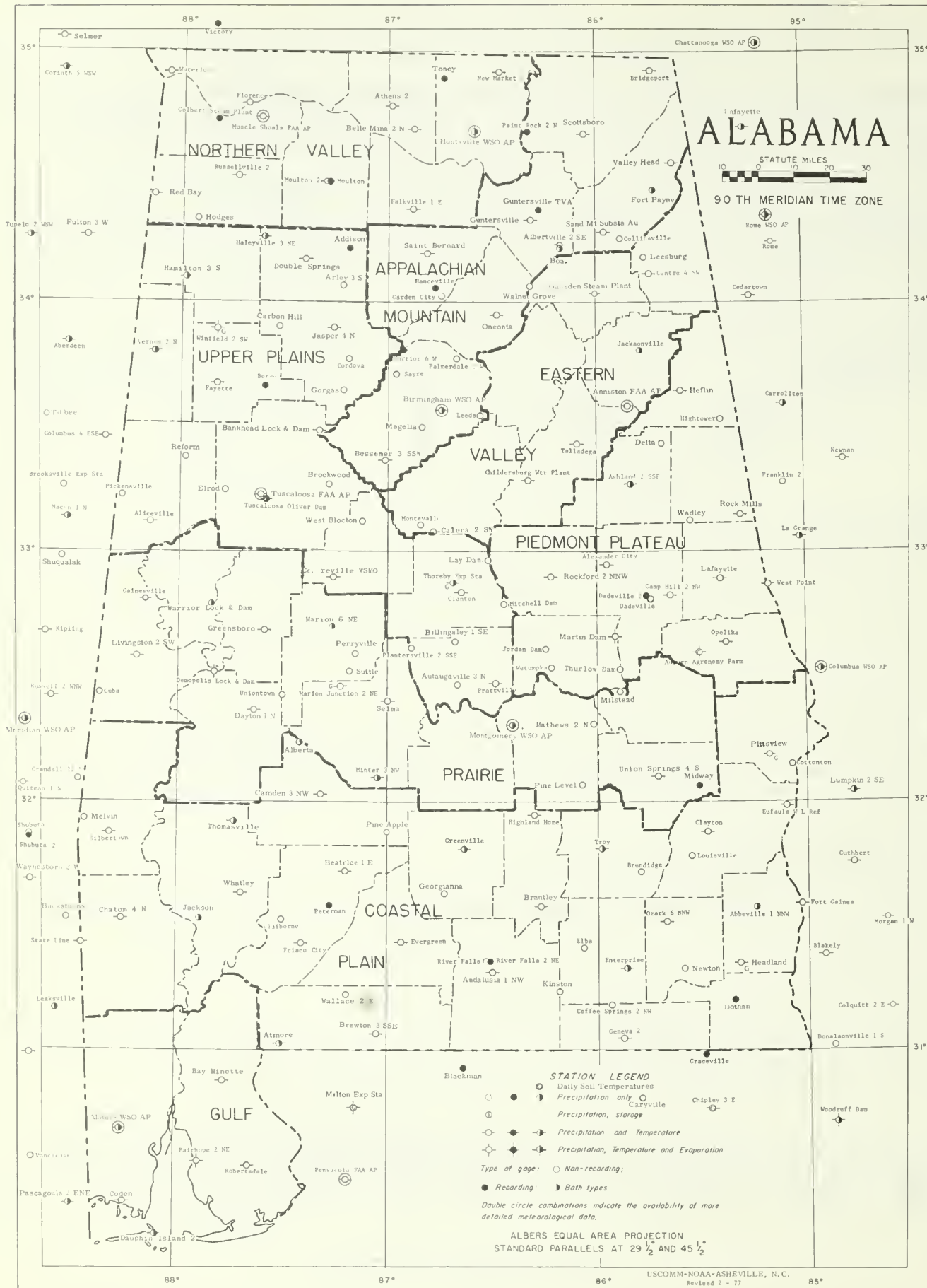
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each sect on including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

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COM 210



**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	HIGHLAND HOME	79	DATE 14
LOWEST TEMPERATURE:	RUSSELLVILLE 2	7	DATE 22
GREATEST TOTAL PRECIPITATION:	FAIRHOPE 2 NE	4.48	
LEAST TOTAL PRECIPITATION:	GUNTERSVILLE	.39	
GREATEST 1 DAY PRECIPITATION:	COTTONTON	1.87	DATE 02
GREATEST TOTAL SNOWFALL:	VALLEY HEAD	3.2	
GREATEST DEPTH OF SNOW OR ICE:	4 STATIONS	1	DATE 22+

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)							RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TEN H'S) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	34	3.5	7.9	34	SW	13	64	77	56	50	3	1	2	1	0	0	7	58	5.6		
HUNTSVILLE WSO AP	35	4.1	9.3	28++	31	21	65	74	53	54	6	4	2	0	0	0	12	-	6.4		
MOBILE WSO AP	35	3.1	9.1	22++	26	13+	71	77	48	53	4	4	3	2	1	0	14	-	5.2		
MONTGOMERY WSO AP	34	3.4	7.9	37	W	13	64	75	50	49	1	3	2	1	1	0	8	70	4.9		



CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
FEBRUARY 1978

STATION			TEMPERATURE												PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
												MAX.	MIN.	32° OR BELOW	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NORTHERN VALLEY 01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
FEBRUARY 1978

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE
											30" OR ABOVE	32" OR BELOW	34" OR BELOW	36" OR BELOW										
SELMR UNION SPRINGS 4 S		55.6 52.0	32.0 28.6	43.8 40.3	- 8.5 -10.2	73 69	25 26*	22 20	22* 8*	586 684	0 0	0 0	17 24	0 0	1.72 2.11	- 3.33 - 2.69	.91 .97	2 2	.0 .0	0 0		4 5	1 1	0 0
DIVISION				40.4	-10.0										2.24	- 2.61			T					
CORSTRL PLAIN 07																								
ANDALUSIA 1 NW		55.3	26.3	40.8	-11.2	73	26	20	22	671	0	0	25	0	3.08	- 1.45	.88	28	.0	0		5	3	0
ATMORE		56.2M	32.1	44.2M		74	26*	22	22	572	0	0	16	0	3.70		1.20	28	.0	0		5	4	1
BERTRICE 1 E		51.4M	30.0M	40.7M				22	6	675	0	0	0	0			.74	28	.0	0		4	0	0
BARNITLEY		55.3M	27.9M	41.6M		73	26	21	22*	648	0	0	21	0	2.76	- 1.62	.81	2	.0	0		5	2	0
BRENTON 3 ENE		55.4	28.5M	42.0M		73	26	22	22	648	0	0	23	0	3.49		1.18	28	T	0		6	3	1
BRENTON 3 SSE		59.0	30.8	44.9	- 8.4	72	25*	19	15	556	0	0	18	0	4.03	- 1.00	1.51	28	.0	0		6	4	1
CAMDEN 3 NW		53.1	26.5M	39.8M		73	26	20	20	718	0	0	0	0	2.47		.76	26*	.0	0		5	3	0
CHRYSTON 4 N		58.2	31.0	44.6		75	25	18	22	564	0	0	18	0	2.23		.73	1	.0	0		5	3	0
CLAYTON		51.5	30.0	40.8		70	26	20	8*	673	0	0	21	0	2.78	- 1.49	1.12	2	.0	0		6	1	1
ENTERPRISE 5 NNW		53.5	32.0	42.8		71	26	22	6	617	0	0	17	0	2.72		.78	2	.0	0		5	3	0
EUFALA WILDLIFE REF		53.9	29.1	41.5	-10.0	72	26	21	12*	652	0	0	22	0	2.66	- 1.99	1.15	2	T	0		5	2	1
EVERGREEN		55.0	28.0	41.5	- 9.6	73	26	19	22	649	0	0	23	0	2.54	- 2.25	.65	2	.0	0		6	2	0
FRISCO CITY		53.1	28.9	41.0		72	26	20	6	664	0	0	22	0	2.86	- 1.90	.95	2	.0	0		5	3	0
GENEVR 2		54.6	31.5	43.1		73	26	24	7	605	0	0	17	0	2.89		.92	28	.0	0		6	3	0
GILBERTOWN		55.6	29.9	42.8		75	25	17	22	616	0	0	19	0	2.12		1.20	1	.0	0		5	1	1
GREENVILLE		53.3	27.4	40.4	-11.9	72	26	20	20*	684	0	0	23	0	2.22	- 2.84	.71	2	T	0		6	2	0
HEADLAND		52.8	31.9	42.4		70	26*	23	8*	626	0	0	16	0	2.72		.96	2	.0	0		5	2	0
HIGHLAND HOME		53.5	28.5	41.0	-10.0	79	14	19	7	666	0	0	23	0	2.27	- 2.59	.90	2	T	0		6	1	0
OZARK 6 NNW		55.5	33.3	44.4	- 8.7	70	25*	22	8*	574	0	0	17	0	2.90	- 1.64	.74	2	.0	0		5	4	0
PITTSVIEW		52.8	25.5	39.2		71	14	18	7*	716	0	0	22	0	1.91		1.00	2	T	0		5	1	1
THOMASVILLE		53.6	27.1	40.4	-10.0	74	26	18	22	684	0	0	23	0	2.36	- 2.63	.77	2	.0	0		5	2	0
TROY		54.7M	31.7	43.2M	- 8.6	70	25*	20	6	597	0	0	18	0	2.02	- 2.25	.69	2	.0	0		6	1	0
WHITLEY		56.0	28.8	42.4		72	26	16	22	625	0	0	21	0	1.82	- 3.04	.77	2	.0	0		3	2	0
DIVISION				42.0	-10.0										2.66	- 2.06			T					
GULF 08																								
BAY MINETTE 3 NNW		58.3	32.7	45.5	- 8.9	74	25	19	22	541	0	0	14	0	3.34	- 1.39	1.28	28	T	0		6	2	1
COHEN		56.4M	34.4	45.4M		67	25	21	22	541	0	0	13	0	4.03		1.24	28	.0	0		5	4	2
DAUPHIN ISLAND 2		52.3	38.2	45.3		65	26	28	22	547	0	0	7	0	3.67		1.39	2	.0	0		6	3	1
FRITHOPE 2 NE		54.2	33.5	43.9	-10.9	70	26	25	23*	586	0	0	15	0	4.48	.09	1.30	13	T	0		6	3	2
MOBILE WSO AP		55.8	34.4	45.1	- 8.9	72	25	22	22	551	0	0	14	0	3.88	- .88	1.42	28	T	0		6	3	1
ROBERTSORLE		55.6	33.0	44.3	-10.0	72	26	24	23*	573	0	0	15	0	4.22	.45	1.23	2	.0	0		6	3	2
DIVISION				44.9	- 9.6										3.94	- .58			T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
FEBRUARY 1978SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

W. ABAMA  
FEBRUARY 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SELMA	1.72	.38	.91											.17																	26		
SUTTLE	2.46	x	1.81											.28																	37		
UNION SPRINGS 4 S	2.11	.32	.97											.22			.02	.30										.06			22		
UNIONTOWN	1.84	.42	.72											.20																	50		
WARRIOR LOCK AND DAM	2.01	.33	.97											.21																	50		
x x x COASTAL PLAIN 07																																	
ABBEVILLE 1 NNW	2.50	.33	.86	T						.05				.17			.05	.69													33		
ALBERTA	1.73	.51	.71											.21																	14		
ANDALUSIA 1 NW	3.08	.57	.71	.01						.01				.41			.05	.02	.40										.02		88		
ATHORE	3.70	.73	.64							T				.82			.06	.37											.08	1	20		
BEATRICE 1 E	-	.86	.62											-																	74		
BRANTLEY	2.78	.60	.81							T				.41			.05	T	.35										.08		45		
BREWTON 3 ENE	3.45	.89	.78	T						.03				.35			.15	.31												21	1	18	
BREWTON 3 SSE	4.03	.62	.70											.63			.36														51		
BRUNSDIDGE	2.45	.34	.64							.02				.35			.03	T	.42												45		
CAMDEN 3 NW	2.47	.56	.76											.20				T											.76		19		
CHATAM 4 N	2.23	.73	.57											.32				T													50		
CLAIBORNE	2.14	.60	.58											.35				.02											.11	18		41	
CLAYTON	2.78	.30	1.12											.45				12	.48												30		
COFFEE SPRINGS 2 NW	3.15	.40	1.05							.05				.15					.85												85		
COTTONTON	2.90	1.87												.30				.47											.02	24			
ELBA	2.70	.47	.88							.02				.32			.07	.08	.33												53		
ENTERPRISE 5 NNW	2.72	.47	.78							.02				.20			.05	.06	.56												58		
EUFAULA WILDLIFE REF	2.68	.31	1.15	T						.02				.39			.03	.53													23		
EVERGREEN	2.54	.83	.65											.38			.07	.21											.11	.02	47		
FRISCO CITY	2.86	.72	.95											.28				.05												.12	73		
GENEVA 2	2.88	.38	.58							.15				.24			.06	.01	.55												82		
GERMANSBURG	2.10	.60	.53											.43			.07													.02	45		
GILBERTOWN	2.12	1.20	.26											.25																	.18	25	
GREENVILLE	2.22	.50	.71											.32			.02	.10													.32	25	
HEADLAND	2.72	.48	.96	.01						.07				.15			.02	.59												.01	43		
HIGHLAND HOME	2.27	.28	.90											.30			.02	.20												.35	22		
JACKSON	2.24	.60	.60											.45				.02												.10	47		
KINSTON	3.06	.54	.91	.02										.18			.07	.02	.41												85		
LOUISVILLE	2.54	.30	.98							.02				.37			.03	.06	.47												.31		
MELVIN	1.32	.65												.25																	20	22	
NEWTON	3.50	.60	1.10							.10				.20				1.00													50		
OZARK 8 NNW	2.90	.55	.74							.05				.20			.08	.58													70		
PINE APPLE	2.60	.60	.67											.17					.50											.35	31		
PITTSVIEW	1.81	.17	1.00							T				.18			.08		.27											.04	17		
THOMASVILLE	2.36	.75	.77											.33				.01												.30	20		
TROY	2.02	.33	.68							T				.25			.10	.31													.02	32	
WALLACE 2 E	-	.40	-											1.10																x	200		
WHATLEY	1.82	.40	.77											.48																		56	
x x x GULF 08																																	
BAY MINETTE 3 NNW	3.34	.88	.30							T				.35			.02	.38												.11	1	28	
COOCH	4.03	1.08	.26											.78			.07	.50													.08	24	
CAUPHIN ISLAND 2	3.67	.37	1.38	.07						T				.25			.14	.71												.03	54	.66	
FAIRHOPE 2 NE	4.48	.48	.69	.03						.02				1.30			.01	.01	.41	T										.05	26	1	42
MOBILE WSO AP	3.88	.83	.06							T	.03		T	.65		.01																	
ROBERTSDALE	4.22	.36	1.23	.06							.06	.06		.60			.22	.47												.04	1	12	

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STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALERA 2 SW	MAX	40	40	47	53	51	37	36	41	50	53	61	71	69	58	61	63	60	53	55	51	46	45	47	64	70	65	55	51				53.3	
	MIN	30	35	21	24	21	18	12	18	19	24	12	23	24	24	23	37	26	42	18	13	28	12	19	18	26	34	22	40				23.7	
CENTRE 4 SW	MAX	37	41	48	41	46	45	29	33	39	47	50	53	59	64	39	51	59	52	49	45	48	32	37	42	56	68	50	51				46.8	
	MIN	27	32	26	23	22	16	15	16	22	26	21	24	37	34	27	35	29	34	26	15	25	17	21	22	28	31	21	32				25.1	
CHILDERSBURG WTR PLANT	MAX	38	43	45	51	51	40	33	40	49	53	56	66	69	61	55	63	62	59	58	51	50	44	48	62	72	69	55	54				53.5	
	MIN	31	36	23	21	23	20	17	21	20	21	20	24	42	34	30	37	28	42	29	17	29	19	21	20	28	36	25	40				26.9	
GADSDEN STEAM PLANT	MAX	36	40	41	40	48	45	29	34	38	48	49	56	60	65	37	52	62	53	47	44	49	34	39	44	60	68	49	51				47.1	
	MIN	28	33	26	25	24	18	15	15	19	23	23	23	27	34	28	31	31	31	26	19	20	18	19	23	24	33	25	25				24.5	
TALLADEGA	MAX	40	45	41	52	47	51	33	41	51	50	60	59	59	60	56	63	60	57	56		40	42	45	60	65		54	51				51.5	
	MIN	29	35	21	22	24	20	16	20	22	21	20	29	28	35	28	38	20	25	22	15	18	18	21	22	32	34	24	39				24.9	
Piedmont Plateau 05																																		
ALEXANDER CITY	MAX	42	39	42	48	53	52	38	39	40	51	54	58	68	70	40	58	62	54	60	50	53	36	48	50	63	70	60	58				52.0	
	MIN	30	35	27	26	27	19	18	22	26	29	25	30	36	33	28	34	40	43	30	20	26	20	24	24	27	35	27	32				28.3	
ASHLAND 2 SSE	MAX	40	36	39	41	48	49	32	32	38	50	50	55	63	65	35	54	61	49	51	44	47	32	39	44	57	67	51	54				47.3	
	MIN	29	29	27	25	23	17	15	15	19	24	23	23	27	33	27	28	35	39	28	16	17	18	19	26	25	35	25	25				24.7	
AUBURN AGRONOMY FARM	MAX	48	39	42	49	50	53	39	37	41	52	53	56	67	68	43	53	62	53	53	45	47	39	45	50	56	67	58	57				50.8	
	MIN	30	34	29	29	27	17	18	24	33	28	26	30	37	32	26	40	40	42	29	22	22	20	25	27	29	33	30	32				29.0	
HEFLIN	MAX	38	40	41	41	51	45	31	31	39	50	51	55	66	67	36	57	52	51	49	43	47	32	39	41	58	69	50	54				47.3	
	MIN	26	31	21	18	28	16	12	16	20	20	18	26	35	33	31	34	37	38	25	12	32	18	24	19	22	34	19	39				25.1	
LAFAYETTE	MAX	47	42	49	51	57	37	36	40	52	55	60	68	69	56	58	62	55	52	47	51	45	51	49	62	66	64	56	54				53.3	
	MIN	30	34	27	25	23	16	15	23	30	24	22	26	43	34	22	38	38	41	26	20	30	19	26	26	33	38	25	39				28.3	
MARTIN DAM	MAX	40	43	46	50	54	36	36	40	48	52	54	65	68	47	51	60	50	54	45	50	40	44	52	62	70	54	54	50				50.5	
	MIN	31	29	28	25	21	19	20	33	30	25	28	42	33	31	40	39	42	30	19	25	20	20	24	26	42	33	40	42				29.9	
OPELIKA	MAX	46	39	42	49	50	56	39	37	40	50	55	59	68	65	48	57	62	54	54	48	50	42	44	53	59	68	59	57				51.8	
	MIN	31	31	31	28	23	19	18	18	18	25	25	23	28	31	30	41	40	39	29	21	20	22	21	26	24	28	26	31				26.6	
ROCKFORD 2 NNW	MAX	46	37	41	40	53	52	38	35	39	51	52	59	66	68	40	57	65	55	56	46	50	36	45	50	61	69	60	59				50.9	
	MIN	28	29	24	25	26	17	15	16	22	24	24	24	32	29	23	28	34	40	26	19	22	18	19	22	25	27	26	40				25.1	
ROCK MILLS	MAX	45	41	43	43	49	54	37	36	41	53	56	59	66	68	40	63	63	48	53	47	51	38	43	52	62	70	57	57				51.1	
	MIN	28	33	24	23	21	19	16	20	26	24	19	23	34	34	22	32	38	38	30	17	21	20	17	23	25	36	24	35				25.8	
Prairie 06																																		
DAYTON 1 N	MAX	45	40	41	46	51	48	38	35	39	48	51	58	64	69	44	53	60	58	52	43	55	39	53	55	65	73	57	56				51.3	
	MIN	31	32	29	27	27	20	21	24	22	26	24	27	36	31	27	35	32	42	26	17	29	20	30	23	32	41	29	40				28.6	
DEMOPOLIS LOCK AND DAM	MAX	44	40	50	49	51	46	37	35	38	46	50	57	68	67	42	52	58	58	47	44	54	36	48	53	66	70	57	55				50.6	
	MIN	32	32	32	30	28	21	18	20	25	25	26	25	29	34	29	31	34	34	26	20	18	16	20	24	25	34	33	32				26.9	
GAINESVILLE	MAX	47	38	38	48	54	44	37	36	38	46	50	58	67	63	40	53	59	62	45	44	54	33	48	54	66	71	57	55				50.2	
	MIN	32	32	28	26	28	19	20	22	22	25	24	25	32	30	28	32	31	28	32	19	25	20	22	24	27	37	29	32				26.6	
GREENSBORO	MAX	39	40	50	57	49	38	39	40	48	53	61	70	68		55	62	63	53	48	54	43	47	50	66	72	58	58	63				53.5	
	MIN	32	35	26	28	25	18	20	22	24	26	23	30	38	30	28	36	34	34	23	17	28	20	29	23	30	38	29	44				28.2	
HAYNEVILLE	MAX	36	40	45	42	45	50	48	45	38	50	55	60		71		55	55	48	55	48		48	55		55	58						50.1	
	MIN	32	33	32	31	33	21	22	23	29	28	28	30	31	35	32	33	35	34	34	23	28	23	24	25	35	36	38	39				30.3	
LIVINGSTON 2 SW	MAX	43	45	42	48	53	45	38	35	50	56	58	56	64	68	50	59	59	65	60	50	56	45	58	66	73	73	60	64				55.0	
	MIN	31	32	22	28	27	22	20	21	20	26	28	23	25	27	26	31	30		20	16	20	22	27	23	31	32	28	33				25.6	
MARION JUNCTION 2 NE	MAX	47	39	40	48	52	49	38	36	38	47	52	58	66	68	43	54	62	58	53	44	53	37	45	51	63	71	57	56				50.9	
	MIN	30	30	26	25	25	18	18	19	22	23	25	23	28	30	25	25	32	32	30	19	19	17	17	21	22	33	27	27				24.6	
MINTER 3 NW	MAX	50	40	41	45	51	52	40	36	38	50	51	59	69	70	46	55	62	52	55	44	54	42	47	55	64	73	57	58				52.1	
	MIN	32	32	28	28	26	19	20	21	26	26	24	27	36	34	27	28	35	41	32	23	25	21	23	25	30	42	32	36				28.5	
MONTGOMERY WSO AP	MAX	42	45	51	53	55	41	39	43	51	56	59	67	70	49	55	64	53	60	48	53	42	48	54	62	71	59	58	59				53.8	
	MIN	35	37	31	32	28	24	25	30	31	29	27	31	45	34	30	41	40	38	34	24	33	25	28	27	33	40	33	48				32.6	
SELMA	MAX	46	43	50	54	53	47	39	41	49	56	68	69	70	60	56	58	57	57	54	54	49	49	53	65	73	70	56	62					

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STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																			
ATHENS 2	MAX MIN	35 24	36 27	33 18		46 21	33 13	26 14	30 14	38 16			44 20		50		58 30	56 30	36 30	50 29	15 26		18 15	40 15	48 15	30 11	37 20	44 18		62 28	44 21	46 29		42.3 20.5	
BELLE MINA 2 N	MAX MIN	35 25	37 26	34 22	41 22	46 27	33 15	29 14	31 15	38 15	47 22	46 21	50 22	58 26	58 32	35 26	43 32	55 28	50 28	35 18	40 17	46 18	30 16	36 16	43 20	58 20	61 29	47 23	47 23					43.2 22.1	
FALKVILLE 1 E	MAX MIN	35 26	37 27	35 21	43 22	47 22	37 16	27 15	30 15	37 15	44 17	45 20	50 26	61 37	60 33	36 33	48 34	54 52	52 25	37 30	40 14	47 18	29 15	39 16	43 19	60 32	65 20	46 30	48 20					44.0 21.4	
HUNTSVILLE WSO AP	MAX MIN	38 24	35 24	40 21	45 22	35 22	25 16	28 17	39 17	45 22	50 19	50 20	58 26	60 37	37 33	42 33	53 34	50 38	36 28	39 19	47 19	39 23	37 16	44 28	57 22	61 32	44 29	47 24	45 38					43.6 24.8	
MOULTON 2	MAX MIN	35 26	34 31	43 19	46 31	40 25	29 13	31 16	35 16	46 17	45 21	51 19	60 24	57 41	41 32	44 31	55 32	50 26	40 31	40 17	47 16	40 24	40 14	61 24	53 19	63 41	52 29	47 21	48 37					44.6 24.8	
MUSCLE SHOALS FRA AP	MAX MIN	35 26	34 26	40 22	45 24	32 21	28 12	30 24	34 21	44 12	44 17	47 22	55 25	55 35	36 31	37 31	51 30	43 29	34 24	40 16	47 18	40 22	37 15	43 25	61 20	58 33	46 29	48 25	36 26					42.4 24.0	
RED BAY	MAX MIN	36 27	37 24	48 26	52 25	49 21	37 12	37 11	47 22	47 21	56 21	59 25	58 30	48 31	56 31	56 31	53 28	45 45		42 15	47 15	41 22	42 10	62 10	63 22	63 33	53 28	50 24	49 36					48.4 23.0	
RUSSELLVILLE 2	MAX MIN	31 24	31 25	30 18	39 17		31 12	25 12	28 13	33 16	40 18	42 16	52 17	58 21	53 29	33 29	37 29	49 26	47 27	35 14	38 11	46 13	32 7	38 8	46 17	61 28	46 23							39.8 19.0	
APPALACHIAN MOUNTAINS 02																																			
BESSEMER 3 WSW	MAX MIN	39 31	39 21	48 24	54 24	47 23	36 14	34 18	42 19	49 25	52 24	58 25	67 32	66 38	40 34	50 28	62 36	63 36	48 24	41 23	49 25	40 26	45 18	46 23	62 23	72 34	54 28	56 24	54 32					50.5 26.1	
BIRMINGHAM WSO AP	MAX MIN	37 31	37 32	45 23	50 30	43 25	30 20	38 16	46 19	21 21	48 24	54 21	63 29	63 40	40 34	51 31	58 39	57 30	47 33	43 24	48 19	25 21	41 19	42 27	59 32	50 30	50 25	40 25						47.5 27.2	
GUNTERVILLE	MAX MIN		40 21	41 22	43 22	48 25	39 20	32 16	40 19	44 19	48 21	46 19	50 26	60 35	64 35	49 28	55 34	54 35	55 28	53 32	49 27	45 31	39 9	45 25	39 15	40 19	45 22	65 15	60 20	49 21	48 34				48.2 23.5
ONEONTA	MAX MIN	35 25	37 29	36 22	43 22	41 24	43 18	30 15	30 16	39 17	44 20	50 20	54 20	62 26	65 32	34 30	52 32	59 29	55 30	45 24	43 15	49 16	30 15	40 20	45 21	58 22	69 31	50 22	52 37					46.1 23.2	
SAINT BERNARD	MAX MIN	36 27	37 29	35 22	46 22	48 23	38 15	28 14	30 19	40 21	45 20	44 26	52 25	61 30	63 31	28 28	55 29			42 25	47 14	49 23	29 14	41 23	44 18	59 27	68 27	48 22	52 30					45.5 23.1	
SAND MT SUBSTA AU	MAX MIN	34 24	39 26	37 23	38 24	46 24	39 16	26 13	32 13	38 16	46 20	46 20	50 24	60 26	62 26	35 28	51 28	56 30	54 30	44 24	40 17	46 18	30 13	35 13	39 21	54 24	64 29	45 22	50 20					44.1 22.2	
SCOTTSBORO	MAX MIN	37 26	41 26	40 24	42 21	50 20	41 17	30 14	37 16	43 20	49 23	51 18	54 22	62 28	63 33	42 32	50 33	60 38	59 38	42 24	45 15	49 19	33 13	39 18	42 15	56 19	64 25	48 21	50 26					47.1 23.0	
VALLEY HEAD	MAX MIN	35 24	40 27	41 23	39 17	48 20	42 17	27 10	33 13	39 16	39 17	49 15	54 17	60 21	61 32	37 30	53 31	59 27	55 34	44 25	42 11	43 12	30 14	35 17	38 19	52 20	62 20	47 16	53 19					44.9 20.2	
UPPER PLAINS 03																																			
ALICEVILLE	MAX MIN	43 31	38 31	39 26	48 26	54 26	42 18	36 19	35 21	37 21	45 25	50 21	55 22	65 26	60 31	39 28	53 32	58 29	60 29	43 21	42 16	50 18	33 17	45 18	50 21	65 23	70 33	56 27	53 30					48.7 24.5	
BANKHEAD LOCK AND DAM	MAX MIN	39 30	38 31	35 25	47 26	52 27	42 27	32 19	31 19	34 18	44 21	48 23	53 27	58 21	60 33	47 31	53 33	57 31	56 31	46 26	44 19	46 17	29 19	42 19	42 22	59 23	65 30	50 30	49 32					46.4 25.7	
CENTREVILLE WSMO	MAX MIN	44 30	38 30	40 28	50 26	53 27	48 19	37 18	35 19	34 21	48 25	52 25	58 29	68 33	48 28	54 26	59 35	59 32	46 22	46 22	51 22	33 19	45 19	47 25	62 26	70 37	56 29	55 29					49.5 25.9		
CLANTON	MAX MIN	46 30	38 31	43 25	48 24	54 23	42 18	39 18	36 20	38 22	52 25	53 20	58 24	67 26	68 30	41 26	55 30	64 28	58 33	55 26	48 18	50 27	36 20	45 22	61 22	70 27	57 33	57 26					51.0 25.1		
DOUBLE SPRINGS	MAX MIN	37 25	33 27	33 20	47 20	50 24	34 12	28 12	31 13	35 15	45 20	47 20	62 25	57 30	50 32	37 25	49 30	56 27	53 30	42 16	43 13	48 18	29 11	42 14	47 17	61 23	67 29	48 23	50 25					44.9 21.3	
FAYETTE	MAX MIN	42 29	35 30	38 24	49 26	50 23	39 18	35 18	36 19		53 24			60 32	40 30	47 32	52 33	50 25	45 33	44 20	51 17	40 20	45 20	47 23	64 20	71 33	53 25	48 31					47.3 24.3		
HALEYVILLE 3 NE	MAX MIN	32 25	33 30	39 20	47 27	44 25	31 10	29 12	35 14	44 21	45 20	50 27	61 30	55 41	45 30	45 28	52 30	50 28	45 29	39 16	48 17	43 24	38 9	43 25	59 25	64 35	53 28	48 35					45.2 24.3		
HAMILTON 3 S	MAX MIN	40 25	35 29	35 16	49 17	52 19	36 15	33 15	35 16	41 16	46 18	49 16	55 16	66 21	57 31	37 21	57 43	56 23	38 15	43 12	49 13	30 10	43 10	42 17	63 24	65 23	52 24	51 19					46.5 19.0		
JASPER 4 N	MAX MIN	39 29	35 29	36 22	48 22	50 22	39 18	32 16	33 17	37 18	47 23	48 19	55 20	63 23	63 32	39 29	50 30	58 28	57 32	50 19	44 14	51 18	31 15	42 15	44 18	61 23	50 24	51 23					47.3 22.1		
THORSBY EXP STATION	MAX MIN	40 30	41 35	46 36	52 26	50 25	37 17	35 18	38 21	51 25	53 25	58 28	66 28	67 45	58 29	55 27	62 36	58 35	53 41	45 25	49 20	46 19	44 19	61 19	68 33	70 39	61 36	55 41					52.0 28.9		
TUSCALOOSA FRA AP	MAX MIN	37 31	39 31	49 35	52 26	43 27	36 27	35 21	37 22	47 23	50 26	57 22	67 27	63 39	46 33	52 30	60 36	60 31	50 35	46 36	50 18	39 24	46 20	62 24	66 22	69 27	54 31	51 27					49.9 27.8		
TUSCALOOSA OLIVER DAM	MAX MIN	43 31	39 32	39 29																															

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALERA 2 SW	MAX MIN	40 30	40 35	47 21	53 24	51 21	37 18	36 12	41 18	50 19	53 24	61 12	71 23	69 24	58 24	61 23	63 37	60 26	53 42	55 18	51 13	46 28	45 12	47 19	64 18	70 26	65 34	55 22	51 40				53.3 23.7
CENTRE 4 SW	MAX MIN	37 27	41 32	48 26	41 23	46 22	45 16	29 15	33 16	39 22	47 26	50 21	53 24	59 27	64 34	39 27	51 35	59 29	57 34	49 26	45 15	48 25	32 17	37 21	42 22	56 28	68 31	50 21	51 32				46.8 25.1
CHILDOERSBURG WTR PLANT	MAX MIN	38 31	43 36	45 23	51 21	51 23	40 20	33 17	40 21	49 20	53 21	56 20	66 24	69 42	61 34	55 30	63 37	62 28	59 42	58 29	51 17	50 29	44 19	48 21	62 20	72 28	69 36	55 25	54 40				53.5 26.9
GRISOEN STEAM PLANT	MAX MIN	36 28	40 33	41 26	40 25	48 24	45 18	29 15	34 15	38 19	48 23	49 23	56 23	60 27	65 34	37 28	52 31	62 31	53 31	47 26	44 19	49 20	34 18	39 19	44 23	60 24	68 33	49 25	51 25				47.1 24.5
TALLADEGA	MAX MIN	40 29	45 35	41 21	52 22	47 24	51 20	33 16	41 20	51 22	50 21	60 20	59 29	59 28	60 35	56 28	63 38	60 20	57 25	56 22		15 40		48 21	45 21	60 22	65 32		54 34	51 24			51.5 24.9
PIEDMONT PLATEAU	05																																
ALEXANDER CITY	MAX MIN	42 30	39 35	42 27	48 26	53 27	52 19	38 18	39 22	40 26	51 29	54 25	58 30	68 36	70 33	40 28	58 34	62 40	54 43	60 30	50 20	53 26	36 20	48 24	50 24	63 27	70 35	60 27	58 32				52.0 28.3
ASHLAND 2 SSE	MAX MIN	40 29	36 29	39 27	41 25	48 23	49 17	32 15	32 15	38 19	50 24	50 23	55 23	63 27	65 33	35 27	54 28	61 35	49 39	51 28	44 16	47 17	32 18	39 19	44 26	57 25	67 35	51 25	54 25				47.3 24.7
AUBURN AGRONOMY FARM	MAX MIN	48 30	39 34	42 29	49 29	50 27	53 17	39 18	37 24	41 33	52 28	53 26	56 30	67 37	68 32	43 26	53 40	62 40	53 40	45 29	47 22	53 22	39 20	45 25	50 27	56 29	67 33	58 30	57 32				50.8 29.0
MEFLIN	MAX MIN	38 26	40 31	41 21	41 18	51 28	45 16	31 12	31 16	39 20	50 20	51 18	55 26	66 35	67 33	36 31	57 34	52 33	51 31	49 25	43 12	47 32	32 18	39 24	41 19	58 22	69 34	50 19	54 39				47.3 25.1
LAFAYETTE	MAX MIN	47 30	42 34	49 27	51 25	57 23	37 16	36 15	40 23	52 19	55 24	60 22	68 26	69 43	56 34	58 22	62 38	55 38	52 41	47 26	51 20	45 30	51 19	49 26	62 26	66 33	64 38	56 25	54 39				53.3 28.3
MARTIN DAM	MAX MIN	40 31	43 29	46 28	50 25	54 21	36 19	36 20	40 33	48 30	52 25	54 28	65 42	68 33	47 31	51 40	60 39	50 42	54 30	45 19	50 25	40 20	44 24	52 26	62 42	70 42	54 33	54 40				50.5 29.9	
OPELIKA	MAX MIN	46 31	39 31	42 31	49 28	50 23	56 19	39 18	37 18	40 18	50 25	55 25	59 23	68 28	65 31	48 30	57 41	62 40	54 29	48 21	50 29	40 21	44 26	53 26	59 24	68 28	59 26	57 31				51.8 26.6	
ROCKFORD 2 NNW	MAX MIN	46 28	37 29	41 24	40 25	53 26	52 17	38 15	35 16	39 22	51 24	52 24	59 24	66 32	68 29	40 23	57 28	65 34	55 40	56 26	46 19	50 22	36 18	45 19	50 22	61 25	69 27	60 26	59 40				50.9 25.1
ROCK MILLS	MAX MIN	45 28	41 33	43 24	43 23	49 21	54 19	37 16	36 20	41 26	53 24	56 21	59 23	66 34	68 34	40 22	58 32	63 38	48 38	53 30	47 17	51 21	38 20	43 17	52 23	62 25	70 36	57 24	57 35				51.1 25.8
PRAIRIE	06																																
DAYTON 1 N	MAX MIN	45 31	40 32	41 29	46 27	51 27	48 20	38 21	35 24	39 22	48 26	51 24	58 27	64 36	69 31	44 27	53 35	60 32	58 42	52 26	43 17	55 29	39 20	53 30	55 23	65 32	73 41	57 29	56 40				51.3 28.6
DEMOPOLIS LOCK AND DAM	MAX MIN	44 32	40 32	50 32	49 28	51 28	46 21	37 18	35 20	38 25	46 25	50 26	57 25	68 29	67 34	42 29	52 31	58 34	58 29	47 26	44 20	54 18	36 24	48 28	53 24	66 25	70 34	57 33	55 32				50.6 26.9
GAINESVILLE	MAX MIN	47 32	38 32	38 28	48 26	54 28	44 19	37 20	36 22	38 22	46 25	50 24	58 25	67 32	63 30	40 28	53 32	59 31	62 32	45 23	44 19	54 25	33 20	48 22	54 24	66 27	71 37	57 29	55 32				50.2 26.6
GREENSBORO	MAX MIN	39 32	40 35	50 26	57 28	49 25	38 18	39 20	40 22	48 24	53 26	61 23	70 30	68 38	30 28		62 36	63 34	53 34	48 23	54 17	43 28	47 20	50 29	66 23	72 30	58 38	58 29	63 44				53.5 28.2
HAYNEVILLE	MAX MIN	36 32	40 33	42 33	45 32	45 31	50 21	48 22	45 23	50 29	50 28	55 28	60 30		71 31		55 33	55 35	48 34	55 23	48 23		23 24	48 25		35 36		55 38	58 39				50.1 30.3
LIVINGSTON 2 SW	MAX MIN	43 31	45 32	42 22	48 28	53 27	45 22	38 20	35 21	50 26	56 26	58 28	56 23	64 25	68 27	50 26	59 31	59 30	65 26	60 20	50 16	56 20	45 22	58 27	66 23	73 31	73 32	60 28	64 33				55.0 25.6
MARION JUNCTION 2 NE	MAX MIN	47 30	39 30	40 26	48 25	52 18	49 22	38 18	36 19	38 22	47 23	52 25	58 23	66 28	68 30	43 25	54 25	62 32	58 32	44 30	44 19	53 19	37 17	45 17	51 21	63 22	71 33	57 27	56 27				50.9 24.6
WINTER 3 NW	MAX MIN	50 32	40 32	41 28	45 26	51 26	52 19	40 20	36 21	38 26	50 26	51 24	59 27	69 36	70 34		55 36	62 35	52 41	55 32	44 25	54 25	42 21	47 23	55 25	64 33	73 40	57 32	58 36				52.1 28.5
MONTGOMERY WSO AP	MAX MIN	42 35	45 37	51 31	53 32	55 28	41 24	39 25	43 30	51 27	56 29	59 27	67 31	70 45	49 34	55 30	64 41	53 40	60 38	48 34	53 24	42 33	48 25	54 28	62 33	71 37	59 40	58 33	59 48				53.8 32.6
SELMA	MAX MIN	46 31	43 38	50 29	54 29	53 28	47 22	39 22	41 25	49 27	56 26	68 29	69 29	51 51	37 37	30 30	58 42	57 36	42 42	54 33	49 24	54 34	49 22	53 27	65 25	73 33	70 46	56 46	62 46				55.6 32.0
UNION SPRINGS 4 S	MAX MIN	43 32	40 32	42 29	50 29	53 25	53 20	40 20	36 20	39 27	50 25	58 25	59 30	68 39	69 36	49 27	56 27	59 41	57 41	56 31	46 25	50 25	41 23	44 23	52 27	60 30	69 31	58 30	58 31				52.0 28.6
COASTAL PLAIN	07																																
ANDALUSIA 1 NW	MAX MIN	44 31	44 33	45 30	47 25	55 25	59 23	43 23	40 23	40 28	53 27	57 22	63 22	70 27	71 32	53 25	58 26	60 34	64 41	59 31	46 24	54 25	46 20	49 22	61 22	65 22	73 22	64 22	64 29				55.3 26.3
ATMORE	MAX MIN	39 32	47 35	45 35	45 32	58 29	59 24	43 25	39 26	39 32	54 33	57 28	63 32	72 38	74 30		57 36	66 36	66 41	63 30	45 27	55 34	47 22	52 29	63 37	74 41	63 35	65 44				56.2 32.1	
BEATRICE 1 E	MAX MIN	39 30	42 32	39 31	53 28	54 30	22 22	37 24	39 26	49 30	54 31	60 32	64 34																				51.4 30.0
BRANTLEY	MAX MIN	47 30	42 34	45 24	53 21		58 22	42																									

# DAILY TEMPERATURES

ALABAMA  
FEBRUARY 1978

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CLAYTON	MAX MIN	40 30	41 31	43 30	49 28	50 28	55 20	39 20	38 20	39 27	47 28	54 27	59 35	68 41	69 32	47 27	56 30	52 41	54 41	54 30	45 26	50 28	42 22	44 24	55 29	61 33	70 43	60 32	61 37				51.5 30.0	
ENTERPRISE 5 NNW	MAX MIN	45 32	42 33	45 32	49 31	54 29	57 22	41 23	40 24	36 32	49 32	55 31	62 33	68 42	70 34	52 28	57 32	51 41	57 44	55 34	45 29	52 30	46 24	48 26	59 29	63 35	71 42	63 35	65 38				53.5 32.0	
EUFALA WILDLIFE REF	MAX MIN	50 32	45 32	45 30	50 28	53 23	59 21	41 21	39 23	42 28	49 23	55 23	60 21	69 40	71 39	49 26	58 32	55 43	57 46	55 30	50 34	51 26	44 23	46 24	58 26	62 23	72 27	64 28	60 37				53.9 29.1	
EVERGREEN	MAX MIN	44 33	50 33	43 30	45 29	54 25	57 22	41 23	39 24	40 30	54 29	55 24	62 28	72 32	71 31	52 26	58 29	60 31	61 37	60 29	46 22	55 25	46 19	51 22	60 24	65 27	73 34	63 32	64 35				55.0 28.0	
FRISCO CITY	MAX MIN	40 30	41 32	42 31	48 30	50 21	55 20	38 21	36 24	39 28	50 29	50 28	60 30	70 33	69 32	50 28	56 30	63 36	62 38	60 30	48 23	52 25	44 21	48 23	59 28	63 30	72 39	59 33	62 35				53.1 28.9	
GENEVA 2	MAX MIN	41 32	45 34	48 33	46 31	52 25	58 25	43 24	40 25	36 33	50 34	56 27	61 29	70 41	71 36	54 28	56 30	53 44	54 46	58 34	46 29	54 29	49 25	49 26	62 27	72 29	73 29	66 35	66 39				54.6 31.5	
GILBERTOWN	MAX MIN	43 33	40 38	47 34	54 24	52 26	39 21	39 24	40 27	48 32	54 29	60 23	69 25	68 51	63 33	55 23	63 33	63 30	59 43	45 26	55 19	50 30	51 17	59 28	67 23	75 30	71 42	60 29	69 45				55.6 29.9	
GREENVILLE	MAX MIN	45 32	40 33	42 28	49 28	53 24	54 20	39 21	36 22	50 26	52 28	53 24	60 25	68 32	70 34	48 24	57 27	63 29	68 39	57 32	45 20	53 23	42 22	47 23	56 22	64 27	72 33	59 32	61 36				53.3 27.4	
HEADLAND	MAX MIN	46 32	44 33	46 33	47 30	51 27	55 23	40 23	38 23	37 32	49 32	55 29	60 31	67 37	70 35	51 28	56 34	50 45	52 44	56 33	44 32	52 31	47 24	46 25	59 30	61 35	70 39	65 34	63 38				52.8 31.9	
HIGHLAND HOME	MAX MIN	46 31	40 32	41 29	50 27	53 31	54 20	40 19	36 20	40 24	50 25	54 26	67 31	70 31	79 33	48 26	58 26	62 35	57 40	57 31	45 23	52 32	42 21	46 21	56 27	64 29	71 42	59 33	61 32				53.5 28.5	
OZARK 6 NNW	MAX MIN	45 32	44 38	49 32	51 29	58 27	54 22	39 22	36 22	50 32	56 30	62 32	69 33	70 44	67 30	57 29	52 44	55 41	55 45	52 32	52 30	50 34	47 23	59 27	62 30	70 41	67 40	64 34	62 45				55.5 33.3	
PITTSVIEW	MAX MIN	51 30	41 30	45 27	51 23	52 19	56 18	41 18	38 19	41 22	48 21	56 19	60 22	67 37	71 33	49 22	58 22	55 37	51 41	55 29	48 23	51 22	43 22	45 19	54 22	60 23	70 26	62 33	60 35				52.8 25.5	
THOMASVILLE	MAX MIN	44 30	40 31	41 31	50 27	56 27	53 20	41 20	38 22	38 24	48 26	55 24	62 24	71 38	69 31	51 26	55 27	64 33	62 34	55 26	46 20	54 25	41 18	50 20	58 25	66 26	74 38	59 31	59 34				53.6 27.1	
TROY	MAX MIN	42 31	42 38	51 30	53 30	57 27	20 20	37 21	39 27	48 32	54 28	60 27	69 33	70 49	61 32	57 26	58 41	59 37	56 42	49 31	52 25	44 31	45 21	58 27	62 26	70 37	62 41	61 33	61 44				54.7 31.7	
WHATLEY	MAX MIN	40 32	50 32	51 34	50 29	55 25	41 21	42 29	39 24	50 22	55 28	55 21	68 29	71 48	64 34	51 23	55 30	60 31	64 44	62 31	65 18	51 25	49 16	57 24	61 21	62 29	72 34	64 38	65 35				56.0 28.8	
• • •																																		
GULF	08																																	
BAY MINETTE 3 NNW	MAX MIN	45 33	47 41	47 35	57 29	59 27	53 22	40 25	40 29	51 29	55 32	62 28	71 34	70 51	66 34	58 26	66 39	67 35	62 47	55 29	55 25	50 24	52 19	63 33	65 23	74 38	64 46	67 34	70 49				58.3 32.7	
COOEN	MAX MIN		57 35	48 42	56 31	59 29	54 25	43 28	41 33	52 31	55 31	57 29	64 33	61 48	55 36	53 29	64 40	63 36	59 49	56 30	50 26	49 33	47 21	64 32	60 27	67 38	64 49	62 36	63 48				56.4 34.4	
ORUPHIN ISLAND 2	MAX MIN	42 37	61 41	45 40	45 40	54 40	55 29	42 30	40 32	40 35	48 38	51 39	56 41	61 45	61 39	50 37	51 45	53 39	55 46	57 32	45 34	49 31	50 28	53 35	60 31	60 38	65 52	57 47	59 49				52.3 38.2	
FAIRHOPE 2 NE	MAX MIN	38 33	57 37	45 38	46 34	54 30	57 26	43 25	40 27	40 32	52 33	54 28	57 34	67 49	63 37	53 31	55 32	63 39	65 41	58 30	43 28	52 28	47 25	48 25	62 30	62 30	70 54	62 41	65 42				54.2 33.5	
MOBILE W50 AP	MAX MIN	50 36	48 40	47 34	56 31	58 30	43 25	39 28	39 32	50 32	54 32	61 31	66 33	68 48	53 35	56 30	65 39	65 39	56 35	44 31	54 27	46 28	51 22	63 37	65 30	72 41	63 44	62 40	69 52				55.8 34.4	
ROBERTSOLE	MAX MIN	37 34	52 37	46 37	44 33	56 30	60 28	46 26	40 27	41 33	54 33	56 28	62 28	66 46	65 39	56 30	59 31	66 40	66 41	59 32	44 29	54 28	47 24	51 24	63 29	64 29	72 48	65 39	66 42				55.6 33.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
FEBRUARY 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)																																	
	2	MAX	49	41	41	52	52	53	43	38	38	49	53	56	60	58	50	57	60	56	53	52	52	48	49	46	57	61	62	58			51.6	
		MIN	35	40	39	34	34	33	34	34	34	37	34	34	36	42	38	42	47	43	36	35	35	35	35	37	36	36	38	43			37.0	
	4	MAX	47	41	42	47	48	49	44	40	39	47	49	51	54	57	50	54	57	53	51	49	49	47	47	45	52	55	57	55			49.1	
		MIN	37	40	39	35	36	35	37	36	37	39	35	35	37	45	41	40	49	43	38	37	37	39	37	40	38	38	40	43			38.7	
BREWTON 3 ENE	(IN)																																	
	4	MAX	40	42	45	44	52	53	47	44	40	50	56	59	63	62	59	59	61	60	60	50	56	55	56	61	63	65	66	64			54.7	
		MIN	38	40	40	36	36	36	35	35	35	38	37	37	39	41	39	38	44	49	42	38	38	36	36	37	38	42	45	46			39.0	
	4	MAX	44	44	47	47	49	49	42	43	39	47	50	52	55	60	53	55	51	51	55	49	51	49	47	53	55	60	60	59			50.6	
		MIN	38	36	42	38	37	36	35	33	35	37	36	35	40	44	40	34	46	48	40	38	38	36	36	36	37	41	45	44			38.6	
PITTSVIEW	(IN)																																	
	4	MAX	49	44	46	51	57	52	46	42	39	46	51	53	56	59	54	56	54	52	52	53	53	50	50	48	54	58	59	55			51.4	
		MIN	38	40	40	39	38	37	37	37	37	38	37	38	42	44	39	40	48	48	43	42	39	37	38	38	38	40	42	42			39.9	
THORSTBY EXP STATION	(IN)																																	
	4	MAX	41	43	47	49	48	47	42	40	48	49	51	53	55	55	53	57	57	55	55	55	54	57	49	66	59	58	56	55			51.9	
		MIN	40	41	38	45	40	38	37	37	37	38	39	41	47	41	40	45	45	45	45	45	42	41	40	39	44	46	43	48			41.7	
WINFIELD 2 SW	(IN)																																	
	4	MAX	41	38	38	47	48	39	40	35	35	36	45	46	50	49	40	49	54	53	46	50	42	39	45	40	50	54	55	49			44.8	
		MIN	37	36	36	37	36	36	35	35	35	35	36	38	46	40	39	38	40	38	39	37	38	35	35	36	39	43	40	45			37.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
FEBRUARY 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PIEDMONT PLATERU 05																																	
MARTIN DAM	EVAP	.00	.00	.06	.09	-	-	-	-	.07	.08	.09	.11	.19	.07	.06	.08	.04	.04	.09	.07	.05	.10	.07	.08	.08	.17	.05	.06				2.108
	WIND	11	41	56	32	129	119	84	48	55	45	33	46	50	68	29	26	53	57	36	38	62	43	40	34	48	78	26	39				1426
GULF 08																																	
FAIRHOPE 2 NE	EVAP	-	-	.04	.04	.05	-	-	-	.01	.07	.08	.10	.11	.22	.12	.07	.09	.10	.11	-	-	-	-	.16	.11	.09	.11	.08				-
	WIND	15	15	23	11	14	46	34	14	22	25	25	121	46	16	19	20	19	27	75	18	39	84	57	49	22	36	24	23				939
	MAX	38	48	47	47	56	58	49	41	40	50	59	61	62	69	60	58	67	69	60	48	57	58	54	67	68	75	65	65				57.0
	MIN	34	36	34	38	37	35	31	31	34	34	37	37	41	40	37	36	45	45	36	36	36	32	32	39	38	51	43	43				37.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

ALABAMA  
FEBRUARY 1978

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
BELLE MINA 2 N	SNOWFALL SN ON GND	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	T	T	1.0	-	-	-	-	-	-	-	-	-	
FALKVILLE 1 E	SNOWFALL SN ON GND																					T	T	-	-	-	-	-	-	-	-	-	
HUNTSVILLE WSO AP	SNOWFALL SN ON GND WTR EQUIV					T	T												T			.S	T	T									
MOULTON 2	SNOWFALL SN ON GND	T	T			T	T															.S											
MUSCLE SHOALS FAR AP	SNOWFALL SN ON GND					T	T										T	T				.I		T									
RED BAY	SNOWFALL SN ON GND																					T	T	T									
APPALACHIAN MOUNTAINS 02																																	
BIRMINGHAM WSO AP	SNOWFALL SN ON GND WTR EQUIV	T	T				T															T											
ONEONTA	SNOWFALL SN ON GND																							1.0									
SAINT BERNARD	SNOWFALL SN ON GND																					T											
SAND MT SUBSTA AU	SNOWFALL SN ON GND																					T	-	-									
VALLEY HEAD	SNOWFALL SN ON GND	T	T				T	T														1.0	1.4	T	.B								
UPPER PLAINS 03																																	
ALICEVILLE	SNOWFALL SN ON GND		T																														
CENTREVILLE WSMO	SNOWFALL SN ON GND																						T										
DOUBLE SPRINGS	SNOWFALL SN ON GND																					T											
HAMILTON 3 S	SNOWFALL SN ON GND						T	T														T	.2	T									
JASPER 4 N	SNOWFALL SN ON GND	T																					T										
TUSCALOOSA FAR AP	SNOWFALL SN ON GND																						T										
EASTERN VALLEY 04																																	
ANNISTON FAR AP	SNOWFALL SN ON GND																					T	T	T									
CENTRE 4 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	.2	T	-	-	-	-	-	-	-	-	-	
TALLADEGA	SNOWFALL SN ON GND																					T											
PIEDMONT PLATEAU 05																																	
ASHLAND 2 SSE	SNOWFALL SN ON GND		T																				.S										
AUBURN AGRONOMY FARM	SNOWFALL SN ON GND	T																					T										
HEFLIN	SNOWFALL SN ON GND																						.S										
ROCK MILLS	SNOWFALL SN ON GND																							T									
PRAIRIE 06																																	
GAINESVILLE	SNOWFALL SN ON GND	.S																				T	T										
GREENSBORO	SNOWFALL SN ON GND	T																					T										
MONTGOMERY WSO AP	SNOWFALL SN ON GND WTR EQUIV	T																															
COASTAL PLAIN 07																																	
GREENVILLE	SNOWFALL SN ON GND	T																															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

ALABAMA  
FEBRUARY 1978

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GULF	08								T																							
BAY MINETTE 3 NNW	SNOWFALL SN ON GND								T																							
FAIRHOPE 2 NE	SNOWFALL SN ON GND								T																							
MOBILE WSO AP	SNOWFALL SN ON GND WTR EQUIV								T																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

ALABAMA  
FEBRUARY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTAUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRTMT PLT
BIRMINGHAM WSD AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS CLARA T PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	ODON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILDOERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		SP			CLOSED 10/31/77
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOOBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A		H	EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GROSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GROSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
FEBRUARY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINDLEY
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNDES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	650	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L DTTS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	640		7A			MARY N AVERY
HUNTSVILLE W50 AP	4064	01	MAISON	12	34 39	86 46	624	MID	MIO	MIO	HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	5P		H	MISS MAYMIE LANDRUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEE05	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W D (BILL) DILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE W50 AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY W50 AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEDNTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-63
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTS0ALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWW
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MIO		H	ST BERNARD COLLEGE
SANO MT SUBSTA AU	7207	02	OE KALB	12	34 17	85 58	1195	7A	7A		H	SANO MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLA0EGA	8024	04	TALLA0EGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
FEBRUARY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
CLOSED STATIONS												
COLLINSVILLE	1849	02	DE KALB	7	34 15	85 53	750		SP			CLOSED 10/31/77

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornsbey Exp. Station :	Fine loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

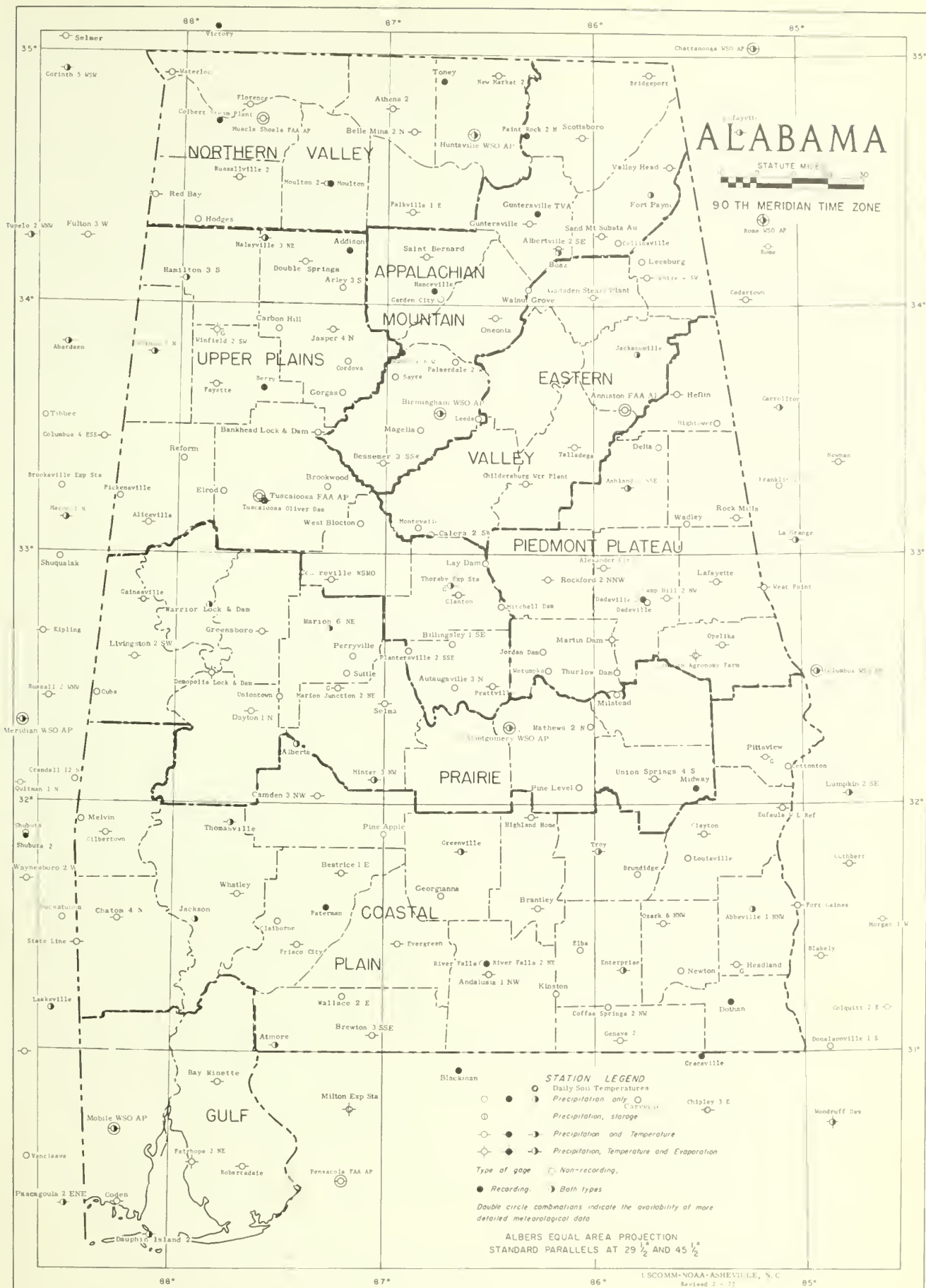
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Sub-station History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.









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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BREWTON 3 SSE	91	DATE	31
LOWEST TEMPERATURE:	VALLEY HEAD	9	DATE	05
GREATEST TOTAL PRECIPITATION:	NEWTON	8.78		
LEAST TOTAL PRECIPITATION:	THOMASVILLE	1.62		
GREATEST 1 DAY PRECIPITATION:	HEADLAND	4.13	DATE	08
GREATEST TOTAL SNOWFALL:	PALMERSDALE 2 W	1.5		
GREATEST DEPTH OF SNOW OR ICE:	AUBURN AGRONOMY STATION	1	DATE	04

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	29	2.1	8.3	30	S	14	74	82	62	S5	5	2	3	3	0	0	13	52	6.5		
HUNTSVILLE WSO AP	29	1.7	9.8	32++	17	13	74	79	S9	S8	3	S	4	1	2	0	15	-	6.9		
MOBILE WSO AP	25	0.6	9.0	25++	15	13	82	87	S3	S9	4	2	1	2	0	1	10	-	6.1		
MONTGOMERY WSO AP	31	2.2	7.4	35	NW	14	72	80	S4	S3	2	1	3	3	0	0	9	67	S.4		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MARCH

1978

STATION			TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MARCH 1978

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
											32° OR MORE	32° OR BELOW	32° OR MORE	32° OR BELOW											
SELMA UNION SPRINGS 4 5		68.9 65.0	42.5M 38.7	55.7M 51.9	- 2.4 - 4.2	88 82	31 31	23 20	5 6*	281 399	0 0	0 0	7 7	0 0	3.20 4.58	- 3.05 - 1.56	1.39 1.32	14 14	.0 .0	0 0		5 7	2 4	1 3	
DIVISION				52.4	- 3.9										3.28	- 2.98			T						
COASTAL PLAIN 07																									
ANADUSIA 1 NW		68.1	37.1M	52.6M	- 5.3	85	31	18	5	389	0	0	10	0	4.70	- 1.72	2.00	8	.0	0		6	3	2	
ATMORE		64.5	43.9	56.2		85	31	26	5	274	0	0	3	0	4.37		1.62	8	.0	0		6	3	2	
BEATRICE 1 E		66.0M	42.8	54.4M		82	31	25	5	329	0	0	3	0	2.31	- 4.34	1.34	8	.0	0		4	2	1	
BRANTLEY		68.2	38.4	53.3		85	31*	18	5	362	0	0	8	0	3.96	- 2.31	1.87	8	.0	0		7	3	1	
BREWTON 3 ENE		67.9	40.7	54.3		85	31	23	5	326	0	0	5	0	5.96		1.97	8	.0	0		7	5	2	
BREWTON 3 SSE		72.2	41.1	56.7	- 1.8	91	31	20	5	267	1	0	4	0	6.20	- .41	2.34	8	.0	0		7	4	3	
CAMDEN 3 NW		66.5	39.2	52.9		85	31	23	5	372	0	0	6	0	1.87		.92	8	.0	0		5	1	0	
CHATAM 4 N		71.7	42.9	57.3		87	31	22	5	248	0	0	5	0	2.45		1.18	7	.0	0		5	2	1	
CLAYTON		65.9M	41.4	53.7M		81	31	20	5	349	0	0	4	0	4.67	- 1.22	1.80	8	.0	0		6	4	2	
ENTERPRISE 5 NNW		66.8	43.3	55.1		83	31	22	5	313	0	0	3	0	5.72		2.66	8	.0	0		7	3	1	
EUFULA WILDLIFE REF		66.8	40.5	53.7	- 3.6	81	31*	22	5	351	0	0	7	0	4.93	- .79	2.04	8	.0	0		7	3	2	
EVERGREEN		67.6	39.8	53.7	- 3.3	85	31	21	5	347	0	0	7	0	4.09	- 2.80	1.90	8	.0	0		6	3	1	
FRISCO CITY		66.2M	41.0	53.6M		83	31	23	5	346	0	0	4	0	3.66	- 2.99	1.71	8	.0	0		5	3	1	
GENEVA 2		68.8	43.0	55.9		84	31	23	5	287	0	0	3	0	8.03		4.09	8	.0	0		6	4	3	
GILBERTOWN		69.7	39.6	54.7		88	31	18	5	324	0	0	9	0	2.19		.87	7	.0	0		5	2	0	
GREENVILLE		66.3M	39.2M	52.8M	- 5.1	83	31	18	5	376	0	0	5	0	3.28	- 3.53	1.37	8	.0	0		6	2	1	
HEARLAND		66.8	43.1	55.0		82	31	23	5	308	0	0	3	0	7.52		4.13	8	.0	0		5	4	2	
HIGHLAND HOME		66.5	40.5	53.5	- 3.5	83	31*	19	5	358	0	0	8	0	3.97	- 2.91	1.31	8	.0	0		7	2	1	
OZARK 6 NNW		69.3	44.4	56.9	- 1.8	85	31	23	5	269	0	0	3	0	5.49	.40	2.20	8	.0	0		6	4	1	
PITTSVIEW		66.2	36.4	51.3		81	31*	16	5	424	0	0	9	0	4.48		1.51	8	.0	0		6	4	3	
THOMASVILLE		67.4	39.5	53.5	- 3.0	85	31	20	5	351	0	0	7	0	1.62	- 5.53	.99	8	.0	0		5	1	0	
TROY		67.7	42.2	55.0	2.6	85	31	21	5	315	0	0	5	0	4.73	- 1.45	1.41	8	.0	0		6	3	3	
WHATLEY		71.3	38.7	55.0		85	31	18	5	305	0	0	5	0	2.19	- 4.28	1.75	8	.0	0		3	1	1	
DIVISION				54.4	- 3.3										4.28	- 2.11			.0						
GULF 08																									
BAY MINETTE 3 NNW		70.3	43.7	57.0	- 2.8	88	31	22	5	257	0	0	4	0	4.00	- 3.29	1.24	3	.0	0		6	4	2	
COOEN		66.8M	45.0	55.9M		84	31	24	5	281	0	0	3	0	4.90		1.88	7	.0	0		5	3	3	
ORUPHIN ISLAND 2																									
FAIRHOPE 2 NE		66.5	44.7	55.6	- 4.3	84	31	27	5	292	0	0	1	0	5.79	- .73	3.57	8	.0	0		5	2	2	
MOBILE WSO AP		68.0	45.4	56.7	- 2.7	86	31	27	5	268	0	0	2	0	4.08	- 2.99	2.51	7	.0	0		4	3	1	
ROBERTSORE		67.7	43.6	55.7	- 3.7	84	31	27	6*	291	0	0	2	0	5.43	1.35	2.84	8	.0	0		5	3	2	
DIVISION				56.2	- 3.5										4.84	- 1.92			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
MARCH 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>NORTHERN VALLEY 01</b>																																	
ATHENS 2			.02	.12	-					.08	.15	.22	1.96			1.80							.22										
BELLE MINA 2 N	0 5.28		.03	.05	.71	T	0 .03			.35	.20	1.79	.02	.03		1.61		.01					.17			.29	T	T					
FALKEVILLE 1 E	4.28		T	.05	.58					.23	.22	1.44	T	.03		1.57							.05			.12							
HODGES	5.25		.03	.04	.12					.05	.17	.74	.27	.12		1.81							.13			1.07							
HUNTSVILLE WSO AP	4.81		T	.70	.04	T				.10	.34	1.55	.16	.01	.06	1.37		T				.16			.06								
MOULTON 2	4.82			.50	.22					.25	.05	.65	.56	.06		1.99						.10			.04	.40							
MUSCLE SHOALS FAA AP	4.56	T		.62	.03					.10	.08	1.21	.08	T	.11	1.78	.31	T				.20			.03	T							
NEO BAY	5.85			.65						.55	.45	.60				1.60																	
RUSSELLVILLE 2	4.27			.10	.55					.22	1.04	.15				1.83							.12					2.00					
<b>APPALACHIAN MOUNTAINS 02</b>																																	
BESSEMER 3 WSO	4.05			.57	.07					1.55	.08	.31	.11			1.02						.34				T	T						
BIRMINGHAM WSO AP	3.07	T		.55	.44					.61	.03	.44	.10	T	T	.74						.37											
6042	4.14		T	.53						.40	.40	1.75	T			.86		T	T	T													
FORT PAYNE	4.34		.20	T	.58					.03	.13	1.94	T	.03		.96							.11			.02	.02	T					
GADSDEN CITY	-				.53					.35	.43	-				.80							.36			.10							
QUINTERSVILLE	-				.65					-	-	-				1.15						.05						.02					
LEEDS	4.21		.07	.57		T				1.29	.40	.64	.02			.59							.63				T						
ONEONTA	3.98		.05	.44						.43	.12	1.63				1.02							.29										
PALMERDALE 2 W	3.58			.80						.85	.45	.72				.80							.27										
SAINT BERNARD	4.38			.78	.06					.23	.23	1.26	.40	.02		.98						.23			.04		.15						
SAND MT SUBSTA AU	4.69		.04	.03	.55					.68	.17	2.05	.04	.01		1.05							.06										
SAYRE	-			T	.68					.85	.25	.50				-							.25										
SCOTTSBORO	4.88		.04	T	.99	.06				.18	.03	2.00	T			1.35							.31					.02					
VALLEY HEAD	5.12		.05	.04	.55	.04	T			.41	.22	2.16	.02	.04	T	1.16						.21					.04	.10	.03				
WARRIOR 6 W	3.84		.48	.08	T	.74				.64	.26	.36	.10	T		.84				T	.05		.30				.03						
<b>UPPER PLAINS 03</b>																																	
ALICEVILLE	3.64		.01	.04	.37					.23	.98	.26	.10	.02	.08	.89							.49			.08							
ABLEY 3 S	3.32				.76					.33	.38		.81	.02	.15	1.05										.35							
AUTLAKEVILLE 3 N	2.53		.48							.82	.11	.07				.79							.11										
BANKHEAD LOCK AND DAM	3.46		.07	.65	.03					.86	.04	.28				1.01							.43			.01							
BROOKWOOD	3.55			.55						.05	1.60	.45	.05			.86					T												
CARDON HILL	3.38			.74						.30	.23	.43				1.12							.27			.30							
CENTREVILLE WSO	2.86	T	T	.29						.73	.07	.06	.30			1.06							.15										
CLANTON	3.62		.35	.55						.60	.40		.20			1.30							.22										
CORDEIROVA 2 ENE	3.85		.05	.96						.70	.28	.58				1.03							.34										
DOUBLE SPRINGS	4.35			1.40	T					.38	.20	.68	.10			1.20							.10			.28							
ELBOD	4.35			.48						1.30	.13	1.10				1.07							.27										
FAYETTE	3.33			.72						.64	.12	.30				1.31										.24							
GORDAS	3.60		.05	.78						.79	.13	.52	.04			.92							.35			.02							
HALEYVILLE 3 NE	4.23			.47	.37					.41	.12	.41	.35	.08		1.54						.17			.04	.27	T						
HAMILTON 3 S	4.53		.06	T	.75	T	T			T	.48	.08	1.17	.20		1.39							.10			.32							
JASPER 4 N	4.09		.02	.10	.69					.85	.22	.42	.04			1.10							.36			.27							
LAY DAM	3.27		.45	.36						.58	.38	.25	.14			.85							.27										
MITCHELL DAM	4.37		1.18	.40						.85	.15	.26	.18			1.04							.31										
PICKENSVILLE 2	4.22			.10	.27					.40	.87	.40	.20			.05	1.15						.38			.40							
PLANTERSVILLE 2 SSE	-		.15	.58						1.10	.25		.20			-							.10										
REFORM 2 E	3.72		.03	.05	.63					.18	.93	.21	.13	.01	.06	1.10							.12			.26							
THORSEY EXP STATION	2.53			.04	.38					.44	.11	.26	.02	.15		.87							.26										
TUSCALOOSA FAA AP	3.31			.38	.05					1.30	.06	.26	T			.88							.36			T							
TUSCALOOSA OLIVE DAM	3.68		.29	.43						1.57	.16	.17	.05			.73							.25			.04							
VERNON 2 N	4.86			.65	.60					.15	.40	.42	.50			1.26							.27			.41							
WEST BLOCTON	3.05		.10	.35						1.15	.10	.05	.30			.85							.15										
WINGFIELD 2 SW	3.87		.03	.01	.80	.02				.01	.49	.11	.52			1.12							.30			.46							
<b>EASTERN VALLEY 04</b>																																	
ANNISTON FAA AP	3.57			.33	.12					.34	.42	1.11	.17	.05		.53							.50			T							
CALERA 2 SW	2.81				.30					.44	.22	.22				1.13							.26										
CENTRE 4 SW	3.85		.04	.55	T					.54	.18	1.94	T	.04		.58							.08			T	T						
CHILDERSBURG MTR PLANT	3.54			.12	.35					.42	.85	.20	.33			.80							.35										
GADSDEN STEAM PLANT	3.76		.23	.21			.32			.67	.30	1.48	.04	.02		.72							.08										
JACKSONVILLE	-		-	-	-					.18	.16	1.01				.65							.23					.04					
LEESBURG	4.38		.16	.02	.62					.87	.25	1.77				.65							.24										
MONTICELLO	-			.13	.40					.63	T		T	.38		.87							.23										
TALLADEGA	-		-	-	-					.37	.61	1.02	.05			.33																	



AL ABAMA  
MARCH 1978SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
MARCH 1978

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# DAILY TEMPERATURES

ALABAMA

1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALERA 2 SW	MAX MIN	55 40	51 36	51 33	41 26	53 13	62 24	59 33	65 33	60 37	45 33	67 34	66 51	73 44	79 54	78 40	73 43	55 24	67 28	76 43	73 38	71 50	73 45	79 33	74 41	70 52	52 39	50 31	75 26	79 29	81 38	81 39	65.6 36.5
CENTRE 4 SW	MAX MIN	44 38	47 32	41 35	40 25	37 17	49 24	55 31	52 39	50 40	43 37	50 33	66 39	64 43	75 47	74 43	70 45	48 29	49 25	56 33	74 40	73 47	70 39	68 34	75 41	76 45	73 40	45 37	46 29	67 34	78 40	76 41	59.1 36.2
CHILDERSBURG WTR PLANT	MAX MIN	51 45	54 31	53 36	54 17	59 21	59 28	59 32	61 48	61 45	48 37	68 33	68 52	74 42	80 52	80 43	76 44	54 28	63 27	77 43	77 43	75 50	71 41	79 35	79 41	72 51	60 42	49 38	71 29	79 33	80 40	86 42	67.0 38.3
GROSOEN STEAM PLANT	MAX MIN	44 37	45 33	44 34	35 26	36 18	52 19	58 27	51 38	50 40	43 36	45 32	66 36	63 44	74 45	76 45	73 43	46 31	51 27	59 29	75 43	73 43	68 40	72 36	77 42	73 47	68 47	45 39	46 31	69 35	77 41	76 43	59.0 36.0
TALLADEGA	MAX MIN	49 43	52 35	52 35	49 27	52 16	56 25	49 33	57 36	57 36	59 28	67 42	65 45	76 48	74 46	78 43	72 42	58 28	62 26	76 22	77 44	74 49	73 41	78 33	75 41	70 50	68 52	64 41	49 31	70 29	80 38	85 41	65.3 37.0
PIEDMONT PLATEAU	05																																
ALEXANDER CITY	MAX MIN	59 48	57 40	58 38	46 28	44 18	55 23	61 30	56 41	62 46	48 36	52 36	70 40	70 47	75 52	80 40	80 43	50 35	52 31	65 34	78 40	75 46	74 45	76 42	77 45	75 48	74 44	49 35	51 32	74 36	78 43	82 45	64.6 39.2
ASHLAND 2 SSE	MAX MIN	48 37	47 34	47 35	40 25	38 16	52 16	55 26	52 34	59 40	43 33	44 30	65 32	65 44	73 45	75 45	75 44	46 28	50 25	60 27	72 39	72 44	70 40	70 39	76 44	72 44	72 49	44 30	69 31	76 39	76 45	59.6 34.9	
AUBURN AGRONOMY FARM	MAX MIN	52 41	55 37	57 38	43 28	43 19	51 22	58 33	60 45	60 42	45 34	48 34	65 35	70 52	73 53	77 52	78 43	54 30	54 30	60 35	72 40	74 46	75 50	73 43	77 48	73 49	48 41	52 31	72 41	80 53	81 47	63.0 39.6	
MEFLIN	MAX MIN	47 38	49 31	52 36	39 24	39 12	52 20	57 29	52 47	53 39	42 33	47 28	66 32	67 40	74 49	77 39	75 42	45 24	51 24	60 29	72 36	74 41	70 35	72 29	77 36	75 41	49 39	45 27	70 29	78 37	77 40	60.1 33.9	
LAFAYETTE	MAX MIN	57 45	58 36	51 35	46 27	56 15	63 28	58 39	60 46	52 40	54 33	69 31	72 50	76 45	79 54	79 46	73 45	57 27	62 27	75 42	76 44	75 48	74 45	80 38	77 47	78 49	72 39	52 36	73 40	80 46	79 47	80 45	67.5 39.0
MARTIN DAM	MAX MIN	52 38	56 39	44 28	41 22	53 25	58 34	59 42	64 42	47 34	54 35	67 48	72 46	74 52	78 44	77 47	50 31	55 33	66 33	73 38	73 44	75 48	70 38	77 43	76 43	75 40	49 36	53 40	69 46	77 44	80 47	85 47	64.5 39.0
OPELIKA	MAX MIN	52 41	54 38	57 31	44 29	44 18	54 21	61 27	59 49	60 43	45 35	50 32	59 32	71 42	75 42	78 44	79 42	56 30	61 30	66 34	73 32	74 38	76 40	74 39	79 46	77 46	73 46	52 29	73 37	79 44	81 45	64.2 35.3	
ROCKFORD 2 NW	MAX MIN	51 39	54 35	53 37	43 26	43 13	53 15	59 30	54 36	61 40	46 31	45 34	66 35	69 44	74 52	75 50	79 45	51 27	55 26	63 28	75 42	74 42	78 40	73 45	74 45	73 52	72 38	47 34	50 28	72 36	80 41	81 49	62.6 36.7
ROCK MILLS	MAX MIN	48 40	54 34	50 34	44 27	43 14	55 22	64 31	56 44	56 39	42 35	58 30	68 35	69 42	75 42	78 40	79 47	53 25	55 25	63 27	75 33	75 43	75 41	75 33	79 40	78 45	77 41	45 36	52 27	75 33	81 40	81 40	63.9 35.0
PRAIRIE	06																																
DAYTON I N	MAX MIN	63 46	50 40	54 41	49 30	42 21	51 21	67 33	53 48	65 39	42 34	53 33	69 36	63 46	74 45	80 48	78 44	53 33	68 33	69 33	77 47	75 45	71 43	72 40	78 40	74 49	56 41	47 34	55 28	69 32	78 38	82 43	63.8 38.2
DEMOPLIS LOCK AND DAM	MAX MIN	59 45	49 39	49 39	43 30	41 21	52 23	67 35	54 49	60 37	38 34	54 33	68 42	61 44	75 51	80 47	77 45	55 32	59 33	67 40	78 46	74 51	67 41	72 40	80 48	75 52	57 40	46 33	55 33	68 38	78 46	82 47	62.6 39.8
GAINESVILLE	MAX MIN	52 42	51 38	51 25	44 28	52 19	67 30	52 44	66 49	69 34	52 32	67 34	65 53	74 47	80 52	78 46	63 37	59 29	66 30	78 40	74 44	73 49	75 45	80 36	75 49	67 44	61 40	56 32	69 30	80 35	84 45	87 39	66.0 38.6
GREENSBORO	MAX MIN	58 36	55 37	48 25	48 25	55 26	65 44	60 45	65 48	58 40	48 37	50 38	67 47	63 48	75 57	80 51	55 51	55 36	60 30	65 42	78 45	75 44	74 44	73 45	74 45	68 42	38 42	39 40	70 42	43 43	45 45	64.0 41.2	
LIVINGSTON 2 SW	MAX MIN	64 40	66 37	50 41	49 31	42 22	50 29	64 33	68 49	64 37	63 33	59 32	60 37	72 50	74 53	81 43	76 40	79 28	59 28	61 35	75 39	77 47	74 42	78 36	80 42	80 50	73 37	57 31	57 31	68 34	82 41	83 43	66.0 37.7
MARION JUNCTION 2 NE	MAX MIN	62 45	55 38	54 40	48 30	43 20	50 20	64 30	54 47	65 43	43 34	50 36	67 36	64 48	73 50	78 48	77 43	52 31	55 32	63 32	77 44	74 45	72 48	78 42	74 51	58 39	47 32	55 28	70 33	78 40	83 47	63.1 38.4	
MINTER 3 NW	MAX MIN	68 49	59 46	56 41	48 30	44 19	55 21	68 34	58 41	64 44	45 34	55 36	69 36	72 48	76 50	83 46	80 46	52 32	58 43	69 42	78 43	75 41	78 51	81 46	76 43	62 40	50 31	57 30	70 38	79 47	84 47	65.9 39.2	
MONTGOMERY WSO AP	MAX MIN	57 45	58 43	52 37	47 31	52 26	63 31	58 40	66 54	60 40	52 39	69 36	70 53	75 51	79 58	77 42	62 43	58 34	62 48	74 42	74 43	75 48	72 44	77 49	74 49	69 49	52 43	57 43	69 36	77 45	82 45	84 46	66.2 42.6
SELMA	MAX MIN	58 51	69 40	56 45	45 29	57 23	66 30	65 48	64 48	65 38	43 35	50 34	67 57	75 49	81 56	79 50	70 50	59 34	65 35	78 43	76 45	74 53	76 48	79 42	57 50	76 45	57 42	58 34	71 34	76 39	85 49	88 49	68.9 42.5
UNION SPRINGS 4 S	MAX MIN	60 47	57 39	48 39	45 29	45 20	54 20	64 30	61 41	63 47	49 34	48 35	68 39	75 48	75 42	80 48	81 50	57 32	57 32	63 36	74 41	77 42	78 51	74 41	81 45	77 45	68 40	49 33	59 32	69 33	78 46	82 46	65.0 38.7
COASTAL PLAIN	07																																
ANDALUSIA I NW	MAX MIN	67 48	61 37	58 41	57 32	47 18	57 24	68 28	60 43	66 50	54 35	57 29	69 47	76 55	76 57	83 51	83 49	56 35	61 36	68 42	75 46	72 50	76 44	76 37	79 40	75 42	77 37	60 30	62 29	71 32	80 36	85 47	68.1 37.1
ATMORE	MAX MIN	71 53	63 44	59 48	56 32	48 26	57 30	66 36	60 51	67 46	49 37	63 39	68 47	78 55	71 57	84 51	83 49	60 35	63 36	70 42	75 46	73 52	77 50	75 46	79 52	75 50	73 42	58 35	64 35	72 48	80 52	85 47	68.5 43.9
BEATRICE I E	MAX MIN	59 48	59 44	51 45	49 32	47 25	59 32	61 34	69 45	60 50	52 37	59 39	68 46	72 50	73 54	78 54	59 51	62 36	66 34	75 36	74 46	74 48	72 51	74 46									

# DAILY TEMPERATURES

ALABAMA  
MARCH 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	59 47	58 38	55 36	47 29	49 20	55 25	65 34	59 43	64 47	49 34	50 35	69 39	74 47	75 52	80 51	80 55	58 30	56 34	61 39	72 43	74 45	77 55	75 47	80 48	78 50	78 41	35	56 33	69 42	73 54	81 54	65.9 41.4
ENTERPRISE 5 NNW	MAX MIN	62 49	59 41	56 43	54 32	45 22	55 25	65 39	59 44	63 58	58 35	55 34	67 35	74 53	76 56	81 52	81 56	57 34	60 35	65 41	73 43	73 49	77 51	75 52	79 48	76 53	77 41	57 35	59 36	70 42	79 52	83 56	66.8 43.3
EUFALA WILDLIFE REF	MAX MIN	59 45	61 44	61 42	57 32	48 22	55 27	65 32	60 44	64 46	50 36	51 33	69 45	77 44	73 52	78 55	81 57	63 32	59 30	61 34	75 35	74 45	78 54	76 40	80 45	78 47	80 46	50 40	58 31	71 37	79 41	81 43	66.8 40.5
EVERGREEN	MAX MIN	67 50	60 40	57 42	54 28	46 21	51 25	68 34	59 48	67 46	49 35	58 34	68 38	77 51	77 56	83 47	83 50	55 29	62 31	69 40	75 39	73 45	75 53	77 40	80 47	75 42	72 36	60 30	62 30	72 37	80 45	85 46	67.6 39.8
FRISCO CITY	MAX MIN	65 45	58 42	57 45	53 30	44 23	53 25	66 30	62 48	64 44	45 34	59 37	66 39	74 53	74 48	80 51	80 48		60 33	68 39	74 42	72 44	74 50	72 47	77 45	73 40	65 33	58 40	65 34	68 36	77 44	83 52	66.2 41.0
GENEVA 2	MAX MIN	64 52	60 43	60 45	58 32	50 23	55 29	68 34	63 42	66 58	59 37	58 35	69 39	77 54	78 58	81 50	83 55	59 35	62 35	65 39	74 38	75 44	79 54	77 45	80 45	79 49	79 44	60 35	62 34	70 40	79 46	84 48	68.8 43.0
GILBERTOWN	MAX MIN	66 49	56 37	56 36	46 31	57 18	69 31	68 30	68 54	58 38	61 35	70 33	72 57	71 46	87 63	79 44	66 47	62 48	73 28	78 38	76 42	73 54	75 40	77 38	74 44	66 54	58 42	64 30	80 30	81 30	85 39	88 42	69.7 39.6
GREENVILLE	MAX MIN	64 47	68 38	57 41	50 30	44 18	55 27	66 34	59 43		50 34	54 32	67 37	74 47	75 53	82 44	81 48	54 38	58 37	67 37	75 38	73 43	75 51	74 38	79 45	74 46	72 40	55 34	58 29	69 37	77 43	83 46	66.3 39.2
HEADLAND	MAX MIN	60 47	59 45	57 43	53 31	45 23	54 28	65 36	60 44	65 55	58 36	54 33	68 35	75 54	75 56	74 52	77 55	66 35	59 35	62 39	73 42	73 49	77 57	75 48	80 49	77 51	79 46	62 35	60 35	70 43	78 49	82 50	66.8 43.1
HIGHLAND HOME	MAX MIN	61 49	57 38	56 38	49 29	44 19	55 29	66 33	59 40	67 50	55 33	59 34	69 49	75 48	76 50	83 54	82 53	54 29	58 30	66 44	75 45	75 41	75 49	80 45	75 50	75 38	52 30	58 31	70 30	79 45	83 54	66.5 40.5	
OZARK 6 NNW	MAX MIN	60 48	57 39	54 41	47 32	55 23	67 33	63 39	64 48	62 48	53 35	68 33	75 54	75 51	81 59	81 54	76 49	60 33	64 37	72 43	73 44	77 50	75 56	79 54	76 49	77 55	78 42	60 35	71 46	79 57	84 56	85 56	69.3 44.4
PITTSVIEW	MAX MIN	55 42	60 34	61 37	47 30	47 16	55 23	63 27	60 32	62 42	45 34	52 34	70 39	75 42	75 43	80 53	81 55	60 27	58 25	61 33	75 36	75 39	77 46	75 36	81 43	78 44	80 42	56 38	57 27	70 32	79 36	81 40	56.2 36.4
THOMASVILLE	MAX MIN	67 48	58 39	55 39	48 30	45 20	58 27	67 35	68 47	69 39	52 33	58 35	68 42	73 46	75 54	82 47	79 46	58 28	61 31	72 43	77 43	76 47	74 44	75 43	79 44	75 47	71 40	50 29	61 31	72 37	81 42	85 48	67.4 39.5
TROY	MAX MIN	59 47	56 39	54 40	44 30	54 21	65 31	58 40	62 48	61 40	51 34	69 35	75 53	75 52	81 56	81 52	68 47	58 30	64 32	74 41	73 43	76 43	74 55	79 47	76 49	76 51	67 39	57 33	69 33	77 44	82 50	85 52	67.7 42.2
WHATLEY	MAX MIN	65 49	58 38	57 35	59 31	57 18	69 27	69 40	69 50	66 40	66 35	68 35	75 36	71 45	80 55	83 42	83 47	62 32	70 30	75 39	78 39	77 41	80 47	80 45	75 38	75 48	58 38	63 35	73 33	81 34	82 39	85 40	71.3 38.7
* * *																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	69 52	61 43	57 44	47 30	57 22	66 35	59 46	65 54	65 42	63 36	65 35	77 56	77 54	85 61	84 50	76 41	63 32	69 35	74 47	73 43	76 51	75 49	79 46	74 52	69 54	67 40	64 30	70 35	80 42	85 48	88 50	70.3 43.7
CODEN	MAX MIN	65 55	62 47	59 45	50 32	50 24	61 38	60 48	69 55	63 45	61 38	65 39	68 57	73 56	71 62	75 51		64 49	63 32	63 34	68 45	67 42	71 53	71 49	70 48	70 50	65 34	63 36	73 44	63 46	83 46	84 51	66.8 45.0
DRAUPHIN ISLAND 2	MAX MIN																																
FAIRHOPE 2 NE	MAX MIN	68 50	64 46	61 48	57 33	48 27	52 33	62 36	60 55	60 47	49 39	62 39	65 50	73 56	75 60	80 52	78 52	60 36	62 36	67 42	69 43	70 46	73 52	75 49	73 53	76 52	70 40	59 35	64 37	70 41	77 47	84 53	66.5 44.7
MOBILE WSO AP	MAX MIN	62 48	59 46	57 37	48 32	54 27	62 38	58 50	70 52	52 40	64 39	65 42	76 58	73 58	83 60	81 53	61 43	63 34	67 39	71 46	68 45	75 55	77 51	76 53	70 55	70 49	60 40	65 35	72 39	79 42	84 46	86 54	68.0 45.4
ROBERTSDALE	MAX MIN	70 55	65 46	60 48	58 34	49 27	54 27	61 35	61 54	67 49	49 39	64 40	65 42	75 57	74 60	81 53	81 53	60 36	63 35	66 38	72 42	69 42	75 51	77 48	78 52	73 52	74 41	58 34	65 34	73 37	79 44	84 47	67.7 43.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
MARCH 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN AGRONOMY FARM	(1N)																																		
		2	MAX	51	58	55	47	54	57	61	56	57	48	51	65	66	65	73	71	56	60	65	70	73	74	74	75	73	76	60	64	75	82	83	64.4
			MIN	48	45	45	35	33	33	45	46	48	42	40	42	50	58	54	54	42	37	38	44	52	54	53	55	53	51	46	44	45	53	57	46.5
		4	MAX	51	56	52	46	50	52	56	54	56	50	48	59	61	63	70	70	58	56	60	67	69	69	71	72	68	71	58	62	70	75	77	61.2
		MIN	49	48	46	37	35	35	45	45	50	46	41	42	50	57	58	56	46	40	40	45	51	56	55	55	54	53	47	48	46	54	60	60	48.1
		8	MAX	49	53	50	46	47	47	52	51	53	47	46	54	57	59	65	64	57	53	55	59	62	63	65	66	64	66	57	58	62	66	70	56.9
			MIN	47	46	46	40	38	38	43	46	47	46	43	43	51	54	57	56	46	43	43	47	51	54	55	54	56	56	50	48	47	53	58	48.5
BREWTON 3 ENE	(1N)																																		
		4	MAX	62	64	55	57	56	59	64	55	63	55	59	62	68	69	74	77	66	68	70	75	78	74	75	80	72	72	72	76	80	82	68.1	
			MIN	53	49	49	42	38	38	40	49	55	45	45	56	56	57	56	56	46	46	46	50	55	55	53	53	58	53	49	48	48	51	55	50.0
HEROLAND	(1N)																																		
		4	MAX	57	55	64	55	50	55	61	56	61	59	52	64	67	68	70	71	62	61	65	70	71	75	77	77	73	77	73	70	74	77	79	66.0
			MIN	49	48	46	43	38	37	39	44	54	44	45	44	55	57	58	57	46	46	46	49	50	56	58	56	54	54	53	52	50	53	57	49.6
MARION JCT 2NE	(1N)																																		
		4	MAX	55	55	50	51	49	51	55	50	58	53	49	58	62	50	69	67	57	55	60	65	64	63	69	69	67	60	53	58	60	69	73	59.2
			MIN	49	48	48	43	41	38	40	48	50	45	44	44	52	52	56	55	46	45	43	48	52	55	53	53	57	52	45	45	46	50	53	48.3
PITTSVIEW	(1N)																																		
		4	MAX	52	57	55	50	53	56	59	53	57	52	51	62	65	66	73	73	62	60	63	66	68	73	72	69	70	66	64	71	75	76	63.1	
			MIN	49	47	47	42	39	38	40	44	52	46	46	48	53	53	59	60	47	45	44	44	51	51	55	54	53	56	57	52	49	51	55	49.4
THORSTBY EXP STATION	(1N)																																		
		4	MAX	55	55	51	50	49	53	53	55	55	56	60	64	62	67	69	60	56	62	65	67	65	68	70	68	65	60	54	67	72	75	78	61.5
			MIN	51	46	49	41	40	41	46	50	53	44	48	48	50	52	54	54	45	44	49	51	54	53	51	55	57	52	46	46	50	55	57	49.4
WINFIELD 2 SW	(1N)																																		
		4	MAX	49	52	45	45	50	51	48	49	53	46	47	54	61	59	66	65	55	55	61	68	68	59	66	67	62	60	48	51	64	71	72	57.0
			MIN	47	42	41	38	38	39	45	48	46	41	45	44	49	56	51	51	42	42	48	52	55	48	46	48	57	48	44	41	48	53	55	46.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
MARCH 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE W50 AP		EVAP	.06	.01	.09	-	-	.10	-	-	-	.04	.13	.09	-	.09	.16	.12	.13	.26	.12	.15	.12	.17	.17	.10	.07	.05	.08	.22	.24	.25	3.908	
		WIND	105	98	125	177	54	33	82	63	72	123	52	114	112	144	68	145	120	72	92	50	66	63	27	49	95	125	98	38	31	57	38	2588
		MAX	-	45	46	-	-	51	56	69	64	54	68	67	70	71	73	68	62	66	76	78	79	83	78	69	56	52	65	77	74	81	67.0	
		MIN	46	38	39	-	-	32	40	54	49	42	43	57	48	42	51	47	37	43	49	54	56	47	51	57	52	43	42	32	37	48	56	45.9
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	-	.11	.01	-	-	-	-	.01	.02	.04	.03	.14	.16	-	.17	.14	.10	.20	.17	.26	.22	.04	.17	.17	.10	.12	.07	.04	.13	.17	.18	3.688
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	.17	.18	-	-	.16	.22	.19	.17	.21	.19	.20	.23	.11	.12	.11	.28	.23	-	
		WIND	25	69	84	90	78	25	34	76	49	90	78	95	73	122	49	35	88	79	28	46	33	59	29	23	44	72	82	47	24	39	33	1798
		MAX	50	60	56	45	53	56	65	55	60	46	48	67	70	69	75	77	57	60	67	72	75	75	79	80	84	86	-	62	76	79	79	66.1
		MIN	43	39	39	34	32	32	39	42	44	37	37	40	50	51	53	53	39	39	39	43	49	51	47	49	72	-	-	38	38	49	52	43.8
MARTIN OAH		EVAP	.08	.05	.06	.13	.06	.06	.00	.03	.15	.00	.07	.14	-	.14	.16	.08	.16	.16	.14	.10	.20	.13	.13	.23	.14	.09	.12	.09	.19	.40	.23	3.848
		WIND	64	46	122	89	32	27	29	30	32	30	55	31	75	31	36	58	44	40	30	36	40	32	28	39	35	45	64	31	40	36	32	1359
PRAIRIE 06																																		
DEMOPOLIS LOCK AND OAH		EVAP	.04	.11	.02	-	-	.10	.01	.06	-	.02	.12	.14	.10	.28	.20	.05	.16	.13	.40	.17	.09	.17	.14	.10	.12	.08	.12	.13	.17	.20	3.948	
		WIND	47	95	66	158	109	28	46	46	80	119	58	99	50	152	74	66	116	95	60	70	60	49	23	25	79	93	85	64	17	18	17	2164
		MAX	74	55	51	50	-	60	69	52	66	45	53	71	72	71	81	80	57	64	72	79	75	70	83	84	72	60	50	67	79	84	88	67.8
		MIN	51	42	41	32	-	32	37	48	44	36	36	40	51	51	55	51	36	36	37	47	51	51	49	49	54	42	37	37	39	44	47	43.4
COASTAL PLAIN 07																																		
HEADLAND		EVAP	.04	.05	.08	.07	.11	.05	.09	-	.04	-	.06	.10	.09	.17	.10	.14	.14	.20	.11	.12	.15	.13	-	.18	.13	.10	-	.21	.11	-	.27	3.628
		WIND	62	60	58	58	55	56	70	60	70	63	56	76	81	78	80	84	69	66	73	82	87	85	88	89	83	87	83	72	80	85	83	73.6
		MAX	45	42	39	30	29	26	33	40	53	33	33	33	52	54	53	53	34	31	34	39	44	52	49	50	51	46	34	34	36	45	47	41.1
MIN																																		
GULF 08																																		
FAIRHOPE 2 NE		EVAP	-	.04	-	.05	-	.03	-	.03	.08	.09	.04	.11	.14	.16	.17	.19	.18	.09	.15	.07	.09	.17	.15	.08	.16	.17	.15	.16	.22	.22	3.808	
		WIND	24	32	-	107	46	21	14	37	28	76	34	41	21	64	25	35	71	37	13	19	15	28	20	26	16	48	51	36	39	39	33	1096
		MAX	67	73	64	59	60	63	65	58	68	54	67	66	80	81	88	85	67	69	75	81	72	81	85	85	73	81	73	74	78	81	84	72.8
		MIN	55	52	51	38	35	36	41	53	52	39	39	48	60	61	60	86	41	40	47	50	50	55	56	57	57	45	39	38	43	51	53	49.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

ALABAMA  
MARCH 1970

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY	01																																
BELLE MINA 2 N					T	.3																											
HUNTSVILLE WSO AP			T	T	T													T															
MOULTON 2			T	T																													
MUSCLE SHOALS FAA AP			T	T																													
APPALACHIAN MOUNTAINS	02																																
BIRMINGHAM WSO AP			T								T																						
ONEONTA												.3																					
VALLEY HERO			T	.5	T	T												T	.5														
UPPER PLAINS	03																																
DOUBLE SPRINGS					T																												
HAMILTON 3 S			T	T	T	T																											
JASPER 4 N											T																						
TUSCALOOSA FAA AP											T																						
EASTERN VALLEY	04																																
ANNISTON FAA AP											T																						
CENTRE 4 SW					T													T															
PIEDMONT PLATEAU	05																																
ASHLAND 2 SSE											.5																						
AUBURN AGRONOMY FARM					.2																												
PRAIRIE	06																																
LIVINGSTON 2 SW					T																												
MARION JUNCTION 2 NE					T																												
MONTGOMERY WSO AP					T																												

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ALABAMA  
MARCH 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOISON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	MIO	MIO		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MIO	MIO		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	MIO	MIO		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BRENTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BRENTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	MRS CLARA T PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMOEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILDOERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M ODEGER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COROOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DAOEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DAOEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORO
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFAULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFAULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELOS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOSY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LANO
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605					TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EODIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNDES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	M10	M10	M10	C HJ	NATL WEATHER SERVICE
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEDS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARD
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W D (BILL) DILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	490				C	ALFRED S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635					TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMC
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190					ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670		7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880		7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY CATES
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
TONEY	8259	01	MA0150N	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARD
TUSCALOOSA FRA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	MIO	MIO		H	FRA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAILEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS.** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65 F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES.** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thornaby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- ☐ Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

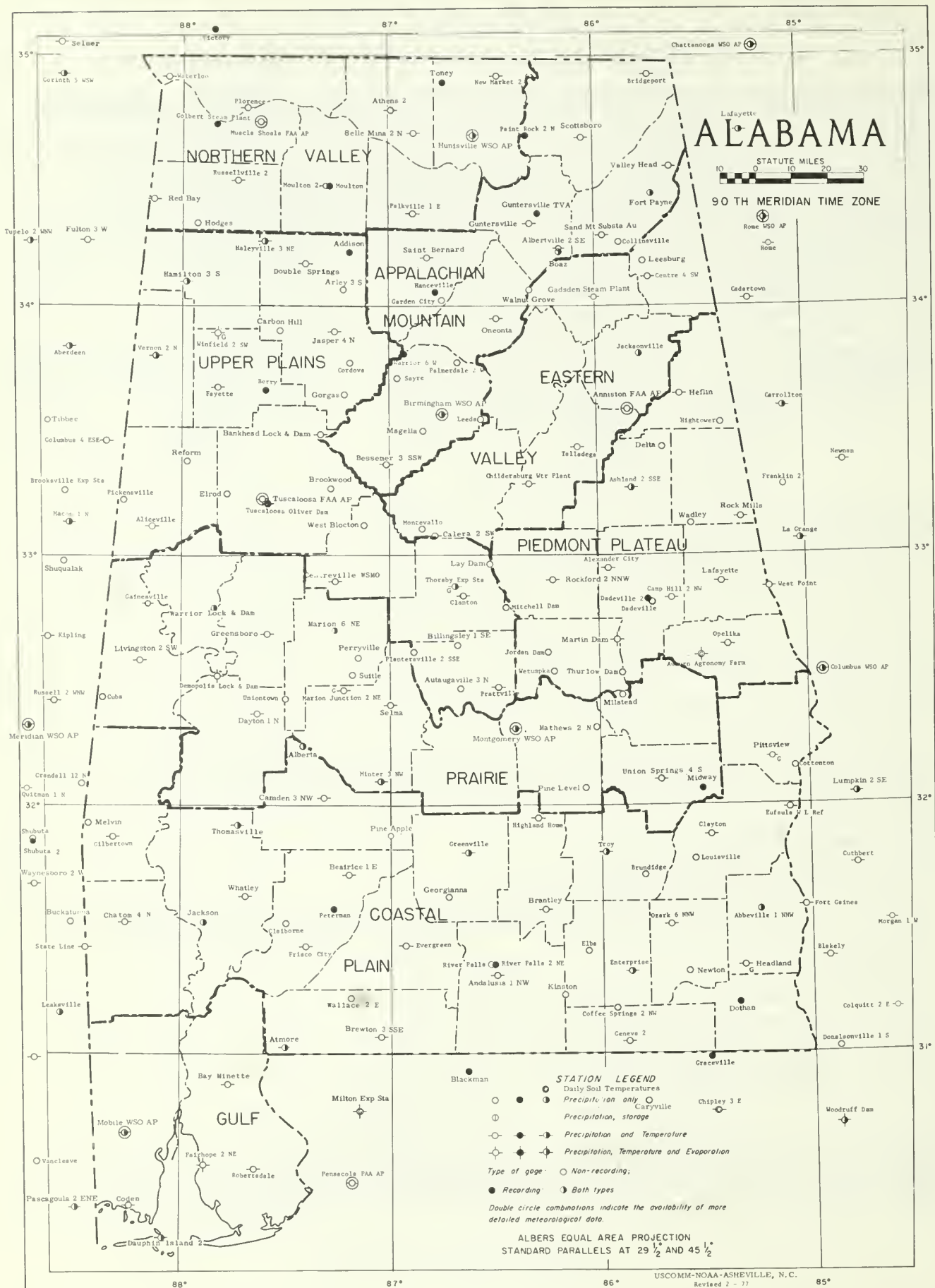
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BREWTON 3 SSE	92	DATE	08
LOWEST TEMPERATURE:	VALLEY HEAD	28	DATE	22
GREATEST TOTAL PRECIPITATION:	GENEVA 2	7.68		
LEAST TOTAL PRECIPITATION:	WINFIELD 2 SW	.98		
GREATEST 1 DAY PRECIPITATION:	GENEVA 2	6.33	DATE	13

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	24	2.4	7.2	33	NW	24	77	85	53	50	2	2	3	1	1	0	9	67	6.1	
HUNTSVILLE WSO AP	25	2.2	9.1	28++	32	25	71	79	47	47	3	3	4	0	1	0	11	-	6.4	
MOBILE WSO AP	20	2.4	8.5	26++	24	18	85	92	52	61	3	1	2	0	0	2	8	-	4.9	
MONTGOMERY WSO AP	26	2.5	6.6	50	NW	18	70	80	49	51	0	1	1	1	1	1	5	76	5.1	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

APRIL

1978

STATION	TEMPERATURE											PRECIPITATION															
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.00 OR MORE	1.00 OR MORE				
										30° OR WARMER	30° OR COOLER	32° OR WARMER	32° OR COOLER														
NORTHERN VALLEY 01																											
ATHENS 2	76.7M	48.9M	62.8M		87	10	31	22	116	0	0	1	0	2.83				-0	0								
BELLE MINA 2 N	75.0	48.5	61.8		87	10	34	22	140	0	0	0	0	2.35		1.07	18	-0	0		6	1	1				
FAKVILLE 1 E	75.2	47.8	61.5		87	9	31	22	155	0	0	1	0	2.02		.68	25	-0	0		5	2	0				
HUNTSVILLE WSO AP	74.1	48.6	61.5	- .2	86	9	36	22	129	0	0	0	0	2.89	- 1.90	1.75	18	-0	0		5	1	1				
MOULTON 2	76.4	50.3	63.4		88	8	33	21	108	0	0	0	0	2.92		1.00	18	-0	0		5	3	1				
MUSCLE SHOALS FAA AP	75.2	49.9	62.6	.5	86	8	39	22	114	0	0	0	0	3.08	- 1.35	1.81	18	-0	0		6	1	1				
REO BAY	77.9M	50.4	64.2M		91	7	38	21	93	1	0	0	0	3.31		1.53	19	-0	0								
RUSSELLVILLE 2	74.8	45.6M	60.2M		88	9	32	22	181	0	0	1	0	2.58		1.18	18	-0	0		4	2	1				
DIVISION			62.3	.6										2.75	- 2.03			-0									
APPALACHIAN MOUNTAINS 02																											
BESSEMER 3 WSW	78.4	50.2	64.3		89	8	38	21	89	0	0	0	0	2.03	- 3.43	.97	11	-0	0		3	2	0				
BIRMINGHAM WSO AP	75.5	50.2	62.9	- .3	86	8	39	28	120	0	0	0	0	2.64	- 1.98	1.13	18	-0	0		5	2	1				
ONEONTA	76.4	47.1M	61.8M		88	8	35	22	131	0	0	0	0	4.43		2.13	11	-0	0		4	4	1				
SAINT BERNARD	75.6	45.4	60.5	- 1.1	89	8	32	22	160	0	0	1	0	3.12	- 2.12	.82	18	-0	0		7	3	0				
SAND MT SUBSTA AU	72.7	49.0	60.9		85	10	32	22	159	0	0	1	0	4.37		1.52	19	-0	0		6	5	1				
SCOTTSBORO	75.6	45.5	60.6	- .3	89	9	30	23	166	0	0	1	0	1.55	- 3.39	.81	11	-0	0		4	1	0				
VALLEY HEAD	72.5	41.9	57.2	- 1.9	87	10	28	22	241	0	0	6	0	4.21	- .89	1.04	18	-0	0		7	5	1				
DIVISION			61.2	- .3										3.19	- 1.79			-0									
UPPER PLAINS 03																											
ALICEVILLE	78.4	49.1	63.8		89	16	36	21	102	0	0	0	0	2.42	- 2.53	1.40	11	-0	0		4	2	1				
BANKHEAD LOCK AND DAM	78.8	49.0	63.9		88	9	39	22	85	0	0	0	0	2.24	- 2.77	.89	18	-0	0		3	3	0				
CENTREVILLE WSMO	78.8	49.8	64.3		88	9	38	22	85	0	0	0	0	3.15		1.08	12	-0	0		6	3	1				
CLANTON	78.5	48.0	63.3	.0	89	9	35	22	103	0	0	0	0	5.30	- .45	3.00	12	-0	0		6	3	2				
DOUBLE SPRINGS	76.5	47.9	62.2		88	8	34	21	126	0	0	0	0	2.77		1.40	25	-0	0		4	2	1				
FAYETTE	80.3M	49.0M	64.7M	1.8	91	8	36	28	83	1	0	0	0	1.74	- 3.52	1.25	11	-0	0		3	1	1				
HALEYVILLE 3 NE	76.1M	48.5M	62.3M	1.1	89	9	35	22	122	0	0	0	0	2.29	- 3.30	1.18	25	-0	0		3	2	1				
HAMILTON 3 S	77.8	41.8M	59.8M		89	9	29	22	174	0	0	3	0	1.24		.51	25	-0	0		5	1	0				
JASPER 4 N	78.4M	45.2	61.8M		88	8	32	22	138	0	0	2	0	2.19		1.38	11	-0	0		3	1	1				
THORNSBY EXP STATION	77.7	52.3	65.0		88	8	37	22	72	0	0	0	0	4.81		2.11	11	-0	0		6	3	2				
TUSCALOOSA FAA AP	78.9	51.0	65.0	.6	88	8	38	22	74	0	0	0	0	2.73	- 2.01	1.33	11	-0	0		5	2	1				
TUSCALOOSA OLIVER DAM	78.4	49.8	64.1		88	9	41	22	93	0	0	0	0	1.94	- 2.87	.64	18	-0	0		4	1	0				
VERNON 2 N	78.3	45.9	62.1		89	10	32	21	130	0	0	1	0	1.25		1.15	11	-0	0		1	1	1				
WINFIELD 2 SW	76.5	46.1	61.3		87	9	32	21	135	0	0	1	0	.98	- 4.09	.75	11	-0	0		2	1	0				
DIVISION			63.1	- .2										2.50	- 2.70			-0									
EASTERN VALLEY 04																											
ANNISTON FAA AP	77.8	49.5	63.7		88	9	37	22	101	0	0	0	0	4.99		1.92	30	-0	0		6	4	2				
CALERA 2 SW	78.6M	46.3	62.5M		89	7	34	28	107	0	0	0	0	3.16	- 2.56	2.02	11	-0	0		3	2	1				
CENTRE 4 SW	74.9	47.9	61.4		89	10	34	22	142	0	0	0	0	5.02		1.84	19	-0	0		6	4	3				
CHILDERSBURG WTR PLANT	79.3	48.6	64.0		89	9	34	22	95	0	0	0	0	2.77	- 2.27	1.18	11	-0	0		5	3	1				
GROESBECK STEAM PLANT	75.3	48.3	61.8	- .2	87	10	35	22	132	0	0	0	0	4.18	- 1.08	1.37	18	-0	0		7	4	1				
TALLADEGA	77.6	47.9	62.8	- .4	88	9	33	24	110	0	0	0	0	2.15	- 2.95	1.25	11	-0	0		4	1	1				
DIVISION			62.7	.2										3.71	- 1.41			-0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	78.6	50.0	64.3		87	9	38	22	82	0	0	0	0	3.66	- 2.04	1.17	12	-0	0		5	3	2				
ASHLAND 2 SSE	74.4	46.6	60.5		85	9	33	22	155	0	0	0	0	3.69		1.35	12	-0	0		7	3	1				
AUBURN AGRONOMY FARM	77.4	51.6	64.5	.8	90	9	38	27	72	1	0	0	0	4.49	- .72	1.26	13	-0	0		5	5	2				
HEFLIN	76.2	45.2	60.7		88	10	29	22	146	0	0	2	0	4.55		1.07	19	-0	0		7	5	2				
LAFAYETTE	77.4	49.8	63.6		86	5	35	22	85	0	0	0	0	3.56		.87	13	-0	0		5	4	0				
MARTIN DAM	78.1	49.0	63.6		88	24	38	26	96	0	0	0	0	2.79	- 2.25	.95	13	-0	0		4	3	0				
OPELIKA	76.9M	46.7M	61.8M		88	9	33	22	122	0	0	0	0	4.59		1.69	19	-0	0		5	4	2				
ROCKFORD 2 NNW	77.6M	48.4M	63.0M		87	10	35	22	117	0	0	0	0	3.62		1.35	12	-0	0		5	3	2				
ROCK MILLS	78.8	45.4	62.1	- .3	90	9	32	22	121	1	0	1	0	3.49	- 1.64	1.06	12	-0	0		6	3	1				
DIVISION			62.7	- .4										3.83	- 1.55			-0									
PRAIRIE 06																											
DAYTON 1 N	78.6	50.5	64.6		88	9	40	21	81	0	0	0	0	4.35	- .85	2.16	18	-0	0		4	3	2				
DEMOPOLIS LOCK AND DAM	78.3	51.8	65.1		88	9	40	22	85	0	0	0	0	2.67	- 2.18	1.41	11	-0	0		4	1	1				
GRANESVILLE	80.1	50.4	65.3	- .2	90	8	37	22	70	0	0	0	0	3.67	- 1.76	1.61	16	-0	0		4	2	2				
GREENSBORO	77.6M				88	11				0	0	0	0	4.15	- .62	1.88	13	-0	0		4	3	2				
HAYNEVILLE																											
LIVINGSTON 2 SW	79.9	47.9M	63.9M		91	10	36	22	84	1	0	0	0	3.25	- 1.95			-0	0								
MARION JUNCTION 2 NE	78.0	50.3	64.2		87	9	40	22	88	0	0	0	0	6.17	.92	2.52	19	-0	0		5	4	3				
MINTER 3 NW	80.4	51.3	65.9		90	10	41	29	71	1	0	0	0	3.96		1.61	13	-0	0		4	3	2				
MONTGOMERY WSO AP	77.9	53.5	65.7	.5	87	10	43	28	50	0	0	0	0	4.57	.12	2.49	18	-0	0		4	3	2				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
APRIL 1978

STATION	TEMPERATURE											PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
								MAX.	MIN.	32° OR ABOVE	32° OR BELOW				32° OR BELOW	32° OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
SELMA UNION SPRINGS 4 S  DIVISION  COASTAL PLAIN 07	81.3 78.8M	53.3 49.4M	67.3 64.1M	.6 - 1.2	90 9 89 9	40 28 40 28	45 86	1 0	0 0	0 0	0 0	5.94 4.22	-.82 -.41	2.21 19 2.00 19	.0 .0	0 0		5 3	4 2	2 2		
ANDALUSIA 1 NW ATMORE BEATRICE 1 E BRANTLEY BREWTON 3 ENE	80.9 81.0 80.0 82.2 81.2	47.2 54.3 54.7 49.1 52.6	64.1 67.7 67.4 65.7 66.9	- 2.7    	89 10 88 1 86 9 91 10 89 9	37 21 45 27 46 20 38 28 39 20	73 28 15 55 35	0 0 0 2 0	0 0 0 0 0	0 0 0 0 0	3.74 5.24 5.95 5.63 3.59	- 1.65  .97 1.07 	1.93 19 2.70 13 2.57 13 3.49 19 2.18 13	.0 .0 .0 .0 .0	0 0 0 0 0		2 5 4 3 2	2 2 2 2 2				
BREWTON 3 SSE CAMDEN 3 NW CHATON 4 N CLAYTON ENTERPRISE 5 NNW	83.1 80.9 82.1 78.8 79.5	49.8 51.8 52.5 53.1 53.6	66.5 66.4 67.3 66.0 66.6	.2    	92 8 90 9 88 8 90 10 89 9	38 28 41 22 41 22 42 20 43 20	42 61 33 57 43	1 1 0 1 0	0 0 0 0 0	0 0 0 0 0	4.78 4.43 3.04 4.48 4.81	-.90   - 1.0 	2.45 13 1.77 18 1.24 13 2.77 13 3.02 13	.0 .0 .0 .0 .0	0 0 0 0 0		4 5 6 3 4	2 3 3 2 2	2 2 1 2 2			
EUFULA WILDLIFE REF EVERGREEN FRISCO CITY GENEVA 2 GILBERTOWN	79.9 81.9M 79.4 80.7 81.3	48.5 51.5 53.1 52.6 50.4	64.2 66.7M 66.3 66.7 65.9	- 1.8 1.2   	90 10 89 10 87 1 89 10 89 8	37 23 41 28 43 21 42 3 38 22	77 35 46 39 51	1 0 0 0 0	0 0 0 0 0	0 0 0 0 0	5.19 2.92 4.22 7.68 4.10	-.75 - 2.07 - 1.05  	2.27 19 2.14 13 2.10 13 6.33 13 1.00 18	.0 .0 .0 .0 .0	0 0 0 0 0		4 5 5 3 7	2 3 4 2 4	2 1 1 2 1			
GREENVILLE HEADLAND HIGHLAND HOME OZARK 6 NNW PITTSVIEW	79.1  79.5 80.2 78.9	50.2  51.4 54.5 46.5	64.7  65.5 67.4 62.7	- 2.1  .3 .3 	88 9 89 9 89 8 89 10	38 28 40 22 42 22 34 22	75 65 39 102	0 0 0 0	0 0 0 0	0 0 0 0	5.70 5.58 6.25 5.84	.47 .52 1.42 	2.00 13 3.17 19 2.64 13 2.80 13	.0 .0 .0 .0	0 0 0 0		4 3 5 3	4 3 3 2	2 2 3 2			
THOMASVILLE TROY WHATLEY  DIVISION  GULF 08	81.0 78.9 83.7	51.4 53.4 48.8M	66.2 66.3M 66.3M	.4 .0 	90 1 88 8 90 9	40 21 42 21 38 21	63 55 35	1 0 1	0 0 0	0 0 0	4.09 3.52 4.86	- 1.27 - 1.13 -.32	1.40 13 1.97 13 2.40 13	.0 .0 .0	0 0 0		5 3 5	4 2 3	2 2 2			
BAY MINETTE 3 NNW COOEN DAUPHIN ISLAND 2 FAIRHOPE 2 NE MOBILE WSO AP	81.3M 77.3 76.0 78.3 79.6	53.9M 55.5 63.6 55.3 57.3	67.6M 66.4 69.8 66.8 68.5	- .4   - 1.0 .6	88 8 82 19 82 20 85 1 87 8	42 20 44 21 52 26 45 20 48 21	28 32 2 23 16	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	4.87 3.40 3.96 4.76 7.03	-.63   - .45 1.44	2.28 13 3.04 13 3.68 13 4.22 13 3.51 12	.0 .0 .0 .0 .0	0 0 0 0 0		5 3 2 2 4	3 1 1 1 2	2 1 1 1 2			
ROBERTS LAKE  DIVISION	79.7  	53.8  	66.8 67.7	-.6 - .2	88 1  	45 20  	24  	0  	0  	0  	3.86 4.65	- 1.30 -.60	2.75 13  	.0 .0	0 0		3  	2  	1  			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
APR 11 1970SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
APRIL 1978

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SELMA	5.94										.27	.94	.84	T					1.68	2.21							T					
SUTTLE	4.50										.23	1.36	.79						1.41	.71												
UNION SPRINGS 4 S	4.22											.30	1.90							2.00								.02				
UNIONTOWN	4.98										1.85	.28	.42						1.68	.75												
WARRIOR LOCK AND DAM	2.78										.50	.61	.48						1.18								.01					
***																																
COASTAL PLAIN 07																																
ABBEVILLE 1 NW	4.58											.06	1.71	.18						2.34							.05		.29			
ALBERTA	3.68										.53	.80	.98						.59								.02	.05				
ANDALUSIA 1 NW	3.74												1.74							1.93												
ATHENS	5.24										.03	.12	2.70						2.02	.27							.10					
BEATRICE 1 E	5.95											1.27	2.57						.72	1.39												
BRANTLEY	5.63											.02	1.85						.24	3.48									.03			
BREXTON 3 ENE	3.59								T		.02	.01	2.18						1.25								.09	.04				
BREXTON 3 SSE	4.78												2.45						1.79								.15	.39				
BRUNSDICE	5.10										T	.13	2.50	T					2.47							T		T				
CAMDEN 3 NW	4.43										.21	.55	1.66						1.77	.22							.02					
CHATHAM 4 N	3.04										.71	.65	1.24						.10	.15							.19					
CLABORNE	5.62										.05	1.21	3.05						1.12	.10							.09					
CLAYTON	4.48											.14	2.77							1.57												
COFFEE SPRINGS 2 NW	4.56											T	3.40							.96										.20		
COTTONTON	5.35											.03	2.40						2.92													
ELBA	3.75											.05	2.87							.78							.05					
ENTERPRISE 5 NW	4.81											.16	3.02	.14					1.40								.02	.07				
EUFULA WILDLIFE REF	5.19											.44	2.20	.01					2.27								.27					
EVERGREEN	2.92											.03	.38	2.14	T				.26								.07	.04				
FRISCO CITY	4.22								.07		.55	.50	2.10						.75								.25					
GENEVA 2	7.68											T	6.33	.02						1.12							.09	.12				
GEORGIANA	4.66											.77	1.85						.27	1.74							.02	.01				
GILBERTOWN	4.10								43		.85	.70	.18						1.00	.80							.14					
GREENVILLE	5.70										.02	.98	2.00	.01					1.92	.77												
HEADLAND	-																															
HIGHLAND HOME	5.58											.01	.83	1.55						3.17								.02				
HURTSBORO	-																															
JACKSON	3.75										.50	.26	2.27	.02					.28	.24							.18					
KINSTON	6.09											.13	4.61	.03						.80							.48	.04				
LOUISVILLE	5.16											.14	2.45	.82						1.75												
MELVIN	5.54											1.20	.80	.84					1.80	.65							.25					
NEWTON	-												3.00	.20														.30				
OZARK 6 NW	6.25											.13	2.64						1.50	1.79							.14					.05
PINE APPLE	6.35											1.03	2.22							3.10												
PITTSVIEW	5.84											T	.23	2.80						2.78								.03				
THOMASVILLE	4.09									T		.25	.56	1.40	T				1.12	.74							.02					
TADY	3.52											.23	1.97							1.32							T					
WALLACE 2 E	3.90								.10				2.40						1.30	.10												
WHITLEY	4.86											.38	.70	2.40					1.08	.30												
***																																
GULF 08																																
BAY MINETTE 3 NW	4.87											.21	.66	2.28					T	1.55	.13						.04					
BOEN	3.40											.13	.14	3.04					.09	T												
DAUPHIN ISLAND 2	3.96											.01	.20	3.68	.07												T	T				
FAIRHOPE 2 NE	4.76											.07	4.22	T						.47							T					
MOBILE WSD AP	7.03								T			.41	3.51	.05					14	2.92					T		T					
ROBERTSDALE	3.86											T	.16	2.75	.01				T	.94							T	T				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	82 49	83 50	81 57	82 59	84 59	79 55	84 52	86 53	87 53	76 53					78 52	79 54	80 51	60 45	60 35	68 31		74 51	78 54	63 46	62 35	71 37						76.7 48.9	
BELLE MINA 2 N	MAX MIN	84 45	83 53	84 53	81 56	78 50	86 52	80 57	85 56	87 56	80 54	85 57	87 60	62 40	65 40	73 40	76 46	80 48	79 53	81 58	77 50	61 47	58 39	59 34	67 41	73 50	79 53	61 47	61 40	71 39	74 45	77 56	75.0 48.5	
FALKVILLE 1 E	MAX MIN	85 49	83 57	83 54	80 59	80 52	85 59	80 57	86 56	87 56	81 54	86 57	60 59	61 37	65 42	72 37	78 43	80 48	82 52	79 61	77 46	63 47	59 35	60 46	70 47	73 50	80 53	61 48	60 42	70 44	74 52		75.2 47.8	
HUNTSVILLE WSO AP	MAX MIN	81 50	81 52	80 54	77 56	83 52	78 52	82 57	84 51	86 56	81 54	66 47	65 39	70 44	76 43	78 45	79 50	80 53	76 52	63 48	58 43	58 39	67 36	70 47	80 49	62 53	62 48	71 42	74 44	78 49	76 57		74.1 48.8	
MOULTON 2	MAX MIN	83 48	85 56	83 56	80 63	87 53	80 60	87 61	88 53	85 56	80 58	70 53	65 38	75 49	77 39	83 45	82 44	80 54	80 60	70 52	60 47	60 33	70 50	77 51	80 52	62 50	65 47	72 40	70 39	77 47	80 56		76.4 50.3	
MUSCLE SHOALS FAR AP	MAX MIN	83 55	84 54	81 54	76 57	85 53	82 62	85 57	86 53	85 58	81 55	66 48	64 39	73 44	74 47	81 44	79 50	79 53	77 50	63 49	60 42	60 39	68 39	75 51	78 51	63 50	67 48	73 44	75 44	79 59			75.2 49.9	
RED BAY	MAX MIN	86 49	84 54	83 53	79 62	81 59	83 64	91 59	89 57	88 58	80 51	65 43	64 45	72 46	80 39	85 43	83 48	81 57	79 59	70 46	63 43	62 38	75 50	75 52	81 50		72 51	75 43	79 44	76 52	79 59		77.9 50.4	
RUSSELLVILLE 2	MAX MIN	82 48	84 54	82 54	80 57	76 53	85 62	80 57	84 53	88 58	85 51	79 48	64 39	72 44	76 45	82 40	80 50	78 53	76 46	59 43	59 35	71 32	74 35	74 46	61 48	65 45	71 36	76 43	76 46				74.8 45.6	
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSH	MAX MIN	85 47	85 48	84 50	85 52	88 56	79 55	87 55	89 56	88 58	83 63	68 50	65 48	75 45	82 45	86 49	85 54	79 58	78 61	70 49	64 38	67 38	75 41	73 48	78 52	75 43	68 42	69 43	78 47	82 52	82 63		78.4 50.2	
BIRMINGHAM WSO AP	MAX MIN	83 50	83 54	82 54	82 59	86 57	77 58	86 55	86 58	85 59	83 57	67 49	62 42	72 45	80 39	82 46	82 54	77 57	78 61	67 48	60 48	62 52	70 40	69 48	78 52	65 49	59 48	71 39	74 39	78 47	79 62		75.5 50.2	
GUNTERSVILLE	MAX MIN	84 40	83 52	83 52	84 55	86 53	86 54	85 50	88 52	87 49	82 48	77 48	66 40	72 42	75 42	77 48	80 49	80 56	79 58	65 48	63 44	66 46	64 35	66 47	79 51	72 38	68 44	69 40	72 43	76 39	78 55		76.4 47.1	
ONEONTA	MAX MIN	84 43	83 49	83 49	82 49	83 53	87 56	77 57	89 50	86 50	84 54	81 54	65 39	65 41	73 37	80 39	81 43	83 56	79 43	68 45	60 39	62 32	69 36	71 49	78 50	62 46	55 38	70 35	74 38	80 45			75.6 45.4	
SAINT BERNARD	MAX MIN																																	
SAND MT SUBSTA AU	MAX MIN	81 54	80 54	82 52	79 55	78 53	82 55	76 58	83 49	84 55	85 57	80 60	64 40	64 48	70 43	78 46	77 47	79 57	76 59	68 50	64 44	57 35	52 32	66 41	68 50	76 53	66 44	52 42	67 38	72 44	76 54		72.7 49.0	
SCOTTSBORO	MAX MIN	84 44	83 43	83 47	82 56	81 50	85 55	78 52	88 54	89 56	85 59	62 59	65 42	67 44	75 47	79 40	81 45	80 52	80 62	75 45	65 34	58 34	60 33	68 30	72 48	79 53	63 45	56 35	71 33	76 40	80 43		75.6 45.5	
VALLEY HEAD	MAX MIN	72 41	80 42	81 41	80 47	79 47	83 48	75 47	84 51	85 48	87 49	81 54	64 38	62 42	72 32	72 38	78 41	80 46	78 56	68 42	63 40	55 31	56 28	68 32	70 41	78 49	61 44	49 32	66 31	72 36	77 42		72.5 41.9	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	86 45	85 48	85 51	80 56	83 54	85 58	82 52	88 53	89 53	86 57	86 58	59 41	63 46	75 45	78 45	89 49	85 55	82 59	82 49	66 41	64 36	65 49	75 46	71 49	82 55	70 47	73 41	76 39	80 48	83 58		78.4 49.1	
BANKHEAD LOCK AND DAM	MAX MIN	86 48	84 50	84 50	85 55	82 56	81 54	80 52	89 52	89 57	87 59	82 61	67 45	65 47	80 42	82 44	87 44	88 52	92 58	82 50	66 45	64 39	66 39	76 42	75 52	79 54	69 48	68 44	76 42	82 41	82 49		78.8 49.0	
CENTREVILLE WSMO	MAX MIN	86 51	85 54	85 53	82 54	84 56	86 55	80 54	87 56	88 56	87 60	83 59	68 46	62 46	75 45	79 45	86 54	84 53	80 59	79 51	71 42	63 38	67 38	74 39	81 51	81 52	74 48	75 45	75 44	79 47	81 52		78.8 49.8	
CLANTON	MAX MIN	85 46	84 46	84 47	83 53	85 53	87 55	79 54	87 53	89 56	87 55	85 60	67 47	65 52	75 42	81 48	85 48	85 52	80 56	75 49	73 41	63 36	69 35	74 42	75 48	81 56	72 47	65 41	75 36	79 41	82 51		78.5 48.0	
DOUBLE SPRINGS	MAX MIN	86 49	84 52	84 51	82 57	82 52	86 55	80 54	88 55	86 60	81 58	82 55	62 39	63 48	73 42	78 45	83 46	83 46	80 54	78 48	70 39	61 34	62 35	71 41	73 50	80 51	64 45	65 39	71 40	76 45	80 52		76.5 47.9	
FAYETTE	MAX MIN	84 44	83 46	86 49	88 59	83 54	79 50	83 54	91 50		89 56	83 66	68 41	69 52	63 38	83 44	87 47	86 52	83 62	85 62			76 49	77 47	75 49	81 56	81 47	69 36	74 39	82 36			80.3 49.0	
HALEYVILLE 3 NE	MAX MIN	83 53	84 55	83 52	80 58	86 56	80 58			87 57	80 55	70 50	69 40	73 46	77 46	82 49	83 50	80 56	78 55	73 45	62 42	61 37	71 35	76 47	78 50	70 44	65 40	70 39	75 39	77 50	78 57		76.1 48.5	
HAMILTON 3 S	MAX MIN	86 38	84 39	86 44	83 49	79 49	88 49	82 54	88 50	89 50	87 54	65 50	65 33	75 32	83 32	83 39	86 43	83 43	82 40	80 40	62 37	62 29	62 29	77 46	77 46	64 45	69 35	74 35	80 37	80 43	76 43		77.8 41.8	
JASPER 4 N	MAX MIN	86 43	84 46	82 45	83 49	86 52	81 54	87 54	88 52	87 56	82 55	67 37	65 37	70 43	80 37	84 37	82 41	81 50				44 39	63 35	65 42	72 52	73 42	80 45	82 52	82 45	73 35	80 39	80 48		78.4 45.2
THORSBY EXP STATION	MAX MIN	84 60	82 54	81 50	84 57	85 57	81 57	86 58	88 61	86 58	84 62	78 60	65 50	73 42	80 47	83 50	82 52	79 55	76 39	72 52	62 43	68 39	72 37	73 46	80 53	75 56	61 48	74 44	78 42	80 47	80 58		77.7 52.3	
TUSCALOOSA FAR AP	MAX MIN	87 48	85 52	82 50	87 58	87 57	81 60	88 55	88 60	86 60	83 60	68 53	64 45	76 49	80 45	86 48	87 51	82 57	83 60	68 52	63 43	67 38	75 38	73 49	81 50	73 52	69 44	77 40	80 49	82 49	83 51		78.9 51.0	
TUSCALOOSA OLIVER DAM	MAX MIN	86 47	85 49	82 49	82 53	84 57	87 57	80 57	87 56	88 58	86 61	68 46	68 43	75 46	79 43	85 53	85 53	80 58	82 43	70 40	63 41	65 41	75 42	74 51	80 52	70 49	64 44	75 42	80 42	82 51		78.4 49.8		
VERNON 2 N	MAX MIN	86 42	85 48	85 47	84 55	81 51	83 52	83 51	89 52	87 52	89 55	82 55	64 35	64 46	74 35	81 40	85 40	85 63	81 63	83 43	66 36	64 36	78 46	76 45	80 46	67 46	69 36	75 45	80 45	79 53		78.3 45.9		
WINFIELD 2 SW	MAX MIN	83 44	82 45	87 49	81 51	78 53	85 51	80 55	86 52	87 51	85 56	80 58	62 37	63 41	74 36	79 43	84 47	82 52	79 56	63 46	63 40	65 32	64 35	73 42	73 46	66 51	68 45	74 37	78 47	78 52		76.5 46.1		
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	86 50	87 50	86 49	85 56	88 57	79 57	88 58	86 52	88 56	84 55	70 51	67 46	74 53	80 43	86 46	87 50	83 57	72 63	73 47	62 42	63 38	75 37	74 46	83 51	67 48								



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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALERA 2 SW	MAX	81	84	83	84	86	82	89	88	87	84	78	63		81	85	86	75	79	71	64	67	76	74	81	76	64	73	75	82	80		78.6	
	MIN	48	46	44	56	52	56	51	50	54	53	55	41	38	36	43	46	49	52	49	37	34	34	42	49	55	47	38	34	45	54		46.3	
CENTRE 4 SW	MAX	84	83	82	81	82	85	78	87	88	89	84	66	65	73	76	80	79	78	70	68	58	59	68	70	77	64	54	70	74	75		74.9	
	MIN	48	47	47	50	55	56	55	47	51	52	60	42	49	38	43	50	58	59	53	46	37	34	42	46	54	47	40	38	43	50		47.9	
CHILDERSBURG WTR PLANT	MAX	85	85	85	85	88	80	88	87	89	86	81	65	74	81	85	85	83	81	73	63	65	72	74	81	78	65	73	77	83	81		79.3	
	MIN	51	50	47	56	57	56	52	54	55	53	57	47	43	38	44	47	55	61	49	42	36	34	43	50	57	47	38	36	44	59		48.6	
GADSDEN STEAM PLANT	MAX	85	84	84	80	82	86	78	86	87	87	81	66	55	73	76	82	83	79	79	68	60	60	70	72	78	63	55	69	74	77		75.3	
	MIN	46	48	48	51	55	57	60	50	53	54	55	43	42	42	45	48	53	60	48	46	39	35	41	50	53	47	45	41	45	50		48.3	
TALLADEGA	MAX	85	85	84	85	88	79	88	87	88	85	78	64	74	81	84	82	81	76	73	64	60	70	73	80	70	57	74	75	83	75		77.6	
	MIN	50	52	50	50	55	55	55	54	52	52	54	43	51	37	48	52	43	60	53	41	33	36	34	33	51	51	43	50	49	50		47.9	
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX	86	85	86	85	85	86	80	86	87	86	85	70	67	74	80	83	84	80	69	75	66	70	75	75	81	76	58	75	80	83		78.6	
	MIN	48	50	45	53	55	53	55	56	58	55	62	48	54	42	47	50	53	56	55	43	40	38	45	50	57	47	44	42	45	55		50.0	
ASHLAND 2 SSE	MAX	82	81	82	81	81	85	77	83	85	83	81	65	66	70	77	80	82	77	64	70	60	62	70	71	77	70	51	68	72	79		74.4	
	MIN	48	51	45	48	51	53	55	53	56	54	55	43	45	43	45	46	51	55	51	43	34	33	36	45	49	45	40	38	41	45		46.6	
AUBURN AGRONOMY FARM	MAX	81	80	80	82	82	86	78	85	90	86	83	73	72	70	79	81	82	80	66	75	64	69	75	74	83	76	56	72	80	82		77.4	
	MIN	50	50	50	50	57	50	57	57	60	58	62	50	56	45	50	52	55	58	56	41	40	44	52	57	57	44	38	48	49	55		51.6	
HEFLIN	MAX	82	80	85	81	82	85	78	87	88	88	82	66	66	77	79	80	84	78	66	71	61	60	70	72	75	77	64	70	74	78		76.2	
	MIN	44	48	42	46	50	50	55	44	51	50	50	39	50	37	39	44	54	55	50	41	31	29	43	41	51	51	42	33	42	52		45.2	
LAFAYETTE	MAX	85	79	78	80	86	82	85	85	84	80	77	71	72	77	84	85	80	75	77	68	67	72	71	78	75	60	72	77	81	79		77.4	
	MIN	54	53	50	52	55	53	55	53	58	55	59	48	57	44	48	51	57	60	53	40	36	35	44	53	56	43	38	37	44	54		49.8	
MARTIN DAM	MAX	84	84	82	84	87	79	84	87	88	85	73	68	71	78	83	84	80	72	77	66	69	69	75	88	76	62	71	75	82	80		78.1	
	MIN	48	44	48	53	49	53	55	54	54	54	48	48	42	45	50	53	58	54	43	38	41	43	53	57	47	38	40	43	52	65		49.0	
OPELIKA	MAX	84	82	83	82	82	87	78	87	88	86	84	74	72	71	78		80	67	77	65	68	74	73	75	75	53	72	77	80		76.9		
	MIN	43	47	47	45	48	50	53	53	55	56	56	50	51	49	46	49	58	39	33	33	43	43	43	43	44	34	37	42	41		46.7		
ROCKFORD 2 NNW	MAX	85	85	84	83	85	86	78	87	87	87	84	66	66	73	82	85	85	79	66	73	64	68	74	73	80	73	58	74		80		77.6	
	MIN	53	51	47	53	52	52	57	58	59	54	60	45	50	38	46	49	52	57	50	39	37	35	43	50	54	44	37	38		44		48.4	
ROCK MILLS	MAX	86	84	85	84	85	88	80	89	90	89	85	69	70	75	81	86	86	81	66	76	66	68	74	73	83	73	57	73	78	83		78.8	
	MIN	43	44	43	45	54	48	48	45	50	45	63	45	53	36	42	45	50	55	53	36	34	32	38	48	55	42	42	36	40	53		45.4	
PRAIRIE 06																																		
DAYTON I N	MAX																																	
	MIN																																	
DEMOPOLIS LOCK AND DAM	MAX	86	85	86	84	85	85	91	85	88	86	84	69	62	74	77	84	84	82	80	72	65	67	73	75	82	74	71	74	78	81		78.6	
	MIN	47	52	52	52	57	57	61	59	58	58	58	50	51	45	47	50	54	57	53	43	40	41	45	50	52	49	44	41	42	51		50.5	
GAINESVILLE	MAX	86	86	86	82	84	85	82	86	88	85	83	60	61	73	77	84	84	81	83	70	65	67	73	70	82	74	73	75	79	83		78.3	
	MIN	48	52	50	57	57	60	58	58	60	58	59	46	49	43	48	52	56	63	53	43	40	40	50	50	57	49	45	43	50	61		51.8	
GREENSBORO	MAX	87	86	85	87	88	81	88	90	88	85	72	61	75	81	85	85	81	82	72	65	69	76	80	84	74	70	77	81	84	83		80.1	
	MIN	51	52	50	58	53	54	57	55	59	57	54	47	53	43	48	47	55	61	46	42	38	37	46	55	53	45	47	41	50	58		50.4	
HAYNEVILLE	MAX				80	86	84	83	84	79	85	88	69	65	75	78	83	85	76	73	78	75	73	73	73	84	76	69	67	70	83		77.6	
	MIN	46	52	52	54	57	58	63	66	60	61	62	56	56																				
LIVINGSTON 2 SW	MAX	88	86	87	88	86	81	82	78	81	91	85	60	72	81	78	85	85	84	83	68	70	70	75	82	78	75	78	79	81	80		79.9	
	MIN	47	48	42	45	47	47	55	55	57	60	55	50	52	52	45	55	53	62		43	37	36	38	47	44	40	38	44				47.9	
MARION JUNCTION 2 NE	MAX	86	86	83	83	85	85	79	85	87	86	85	69	61	73	78	83	84	81	77	72	62	66	73	73	83	73	67	75	78	83		78.0	
	MIN	50	53	50	51	52	55	56	56	57	58	60	48	50	45	47	50	56	58	53	43	40	40	41	50	56	48	45	43	49	50		50.3	
MINTER 3 NW	MAX	89	88	85	86	88	89	84	87	89	90	87	69	66	74	81	85	85	82	80	78	65	70	75	75	84	75	69	74	79	85		80.4	
	MIN	55	54	48	50	56	53	63	60	60	58	58	50	49	47	49	52	56	57	54	44	41	41	47	51	57	45	46	41	41	56		51.3	
MONTGOMERY WSO AP	MAX	83	82	83	84	84	80	84	86	85	87	71	67	74	78	82	83	80	72	77	64	70	71	74	81	76	65	74	77	82	82		77.9	
	MIN	54	52	50	54	55	53	60	59	62	62	59	54	58	50	52	55	57	64	50	46	44	43	49										

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CLAYTON	MAX MIN	82 53	85 53	84 53	85 51	86 52	86 55	81 59	85 60	87 61	90 58	86 62	82 55	71 58	69 47	72 54	82 54	85 57	82 63	68 57	78 42	80 44	70 43	72 51	72 58	81 59	78 46	60 43	70 45	75 46	80 55	78.8 53.1	
ENTERPRISE 5 NNW	MAX MIN	85 51	84 52	84 50	84 51	83 52	85 54	83 53	87 62	89 62	88 57	86 52	83 57	68 58	71 49	80 55	83 58	83 59	82 66	71 59	81 43	68 45	73 45	75 52	72 56	83 62	78 47	63 45	73 48	79 53	82 55	79.5 53.6	
EUFALA WILDLIFE REF	MAX MIN	80 44	85 47	84 46	84 46	84 50	87 48	83 56	87 53	89 56	90 53	86 59	84 57	72 58	71 39	80 45	83 48	84 49	81 64	68 59	82 41	67 39	72 38	73 37	74 51	83 55	80 47	69 39	74 38	80 44	82 48	79.9 48.5	
EVERGREEN	MAX MIN	89 50	86 57	85 46	85 50	84 57	86 52	83 61	89 59	88 57	89 56	83 61	76 52	66 57	71 45	80 47	84 51	86 54	82 62	55 55	41 41	41 41	42 42	47 47	56 56	59 59	43 43	44 44	72 41	76 41	79 48	83 55	81.9 51.5
FRISCO CITY	MAX MIN	87 51	83 54	82 52	82 56	83 59	85 57	81 60	85 63	86 60	85 57	82 60	71 52	64 56	70 49	83 51	85 54	85 55	82 57	80 57	81 43	66 43	75 46	74 50	74 53	81 57	83 45	71 47	75 46	79 48	82 55	79.4 53.1	
GENEVA 2	MAX MIN	86 55	83 48	83 42	85 53	84 54	85 58	84 50	87 58	88 53	89 55	85 62	84 57	70 59	70 47	80 50	83 51	88 58	84 66	73 60	83 44	71 44	76 44	76 51	74 49	84 58	81 47	68 46	75 44	80 50	83 54	80.7 52.6	
GILBERTOWN	MAX MIN	86 45	85 51	85 47	86 54	86 55	88 58	87 57	89 59	88 56	81 55	77 57	65 47	75 55	82 40	87 44	85 49	85 55	86 63	79 49	69 40	73 39	79 38	76 49	85 50	79 54	73 46	78 42	81 49	83 49	85 59	81.3 50.4	
GREENVILLE	MAX MIN	86 48	85 53	83 44	84 48	83 54	84 49	81 58	85 58	88 59	87 54	86 61	73 52	68 50	71 44	80 46	83 48	85 54	81 62	73 56	80 40	65 38	72 40	74 47	74 54	84 58	77 47	66 41	74 38	78 47	82 57	79.1 50.2	
HEADLAND	MAX MIN																																
HIGHLAND HOME	MAX MIN	87 55	85 53	84 52	85 53	83 55	87 54	80 55	85 59	89 60	88 57	86 57	75 51	70 51	70 48	81 48	85 50	85 55	82 57	70 55	80 41	65 41	71 40	76 47	74 54	85 55	77 47	64 44	74 45	78 45	83 57	79.5 51.4	
OZARK 6 NNW	MAX MIN	85 57	83 56	83 54	83 53	82 55	82 55	88 62	89 62	88 62	86 59	86 62	70 56	80 59	84 47	84 57	82 58	82 59	79 68	81 55	74 43	73 44	78 42	73 49	84 57	78 59	69 44	74 44	78 49	81 54	80 55	80.2 54.5	
PITTSVIEW	MAX MIN	84 43	84 44	84 43	85 43	83 46	87 47	80 52	86 50	89 54	89 52	86 54	83 53	73 55	70 37	80 43	83 47	84 55	81 59	67 55	81 40	65 36	70 34	73 42	70 52	82 53	78 45	58 37	73 35	77 41	82 49	78.9 46.5	
THOMASVILLE	MAX MIN	90 51	88 56	86 52	86 56	86 58	87 56	81 60	88 60	89 60	87 58	84 60	69 49	60 49	75 43	82 46	86 50	85 56	85 59	85 52	78 41	68 40	73 42	78 49	75 54	85 56	77 44	74 45	77 43	82 44	84 53	81.0 51.4	
TROY	MAX MIN	85 53	83 51	84 52	83 54	85 56	80 52	85 61	88 61	87 61	85 58	82 60	71 54	69 58	79 47	84 54	84 56	79 57	75 58	80 55	66 42	72 42	73 43	72 52	83 58	79 62	62 47	72 44	76 46	82 52	83 56	78.9 53.4	
WHATLEY	MAX MIN	89 45	86 50	85 45	87 51	88 52	86 51	86 52	89 51	90 52	87 50	89 60	71 51	80 49	82 48	86 45	86 48	85 50	85 55	83 49	83 39	76 38	78 42	80 43	81 43	79 49	80 49	80 40	82 49	85 46	86 50	83.7 48.8	
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	84 50	84 54	83 52	81 59	85 60	81 57	87 62	88 60	85 58	82 58	76 59	64 53	75 56	83 46	86 58	82 56	83 61	84 59	85 58	76 42	78 43	81 48	80 54	87 56	82 57	74 48	77 43	82 46	82 46	50	81.3 53.9	
COOEN	MAX MIN	78 50	77 52	77 54	76 61	77 55	78 66	80 62	82 58	80 58	79 68	79 59	63 56	75 59	77 48	81 50	76 53	80 63	81 71	82 55	73 44	73 44	75 49	75 55	81 58	80 62	74 48	77 47	78 47	76 54	79 60	77.3 55.5	
ORUPHIN ISLAND 2	MAX MIN	76 61	76 62	75 64	74 63	75 62	78 67	78 67	79 66	80 68	79 69	80 71	79 60	66 62	71 62	75 62	76 63	77 68	79 71	80 63	82 59	69 59	73 60	72 64	72 66	77 67	80 52	73 57	75 61	77 64	77 67	76.0 63.6	
FAIRHOPE 2 NE	MAX MIN	85 50	80 51	80 53	80 55	78 56	79 57	80 60	81 60	83 59	81 59	78 62	80 56	64 57	73 49	80 52	81 57	78 59	79 65	80 58	82 45	71 47	75 50	80 55	75 58	81 64	80 50	72 51	77 46	78 54	79 63	78.3 55.3	
MOBILE WSO AP	MAX MIN	83 52	81 60	83 59	80 61	81 59	82 61	83 64	87 64	83 61	81 64	74 59	63 58	74 58	83 53	83 55	81 59	80 63	82 65	84 55	72 48	78 48	78 50	76 58	82 60	81 56	73 50	78 49	81 56	84 64	79.6 57.3		
ROBERTSDALE	MAX MIN	88 51	83 53	81 51	81 52	80 56	81 56	81 60	84 60	86 60	83 57	79 60	81 57	66 58	74 48	83 48	82 53	80 59	79 64	80 57	82 45	71 46	77 46	79 49	74 58	85 61	81 49	73 49	78 48	81 49	79 53	79.7 53.8	

# DAILY SOIL TEMPERATURES

ALABAMA  
APRIL 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1N)																																	
	2	MAX	84	84	86	87	85	91	79	88	92	89	82	72	75	71	78	85	90	82	74	75	70	77	83	75	87	81	56	80	88	91	81.2	
		MIN	57	58	58	60	63	63	63	63	65	62	65	61	62	55	55	58	61	64	62	56	55	48	51	57	64	54	50	53	56	60	58.6	
	4	MAX	78	78	79	82	82	85	76	81	85	82	78	70	72	69	73	78	82	79	71	72	68	71	75	70	82	77	58	76	79	82	76.3	
	MIN	59	59	59	63	63	66	66	64	64	63	67	64	65	57	57	60	63	67	66	66	57	56	51	51	56	62	58	54	52	55	59	60.1	
	8	MAX	72	72	73	74	74	78	72	74	78	77	74	68	69	67	68	72	74	73	67	69	65	66	68	66	75	71	59	68	72	75	71.0	
		MIN	61	61	62	62	64	65	66	64	65	65	66	62	63	58	59	61	64	66	64	58	57	54	54	58	61	59	54	53	57	60	60.8	
	BREWTON 3 ENE	(1N)																																
		4	MAX	87	84	86	85	84	88	83	88	92	89	85	78	69	73	77	87	88	84	76	78	79	83	85	74	89	82	78	84	87	87	83.0
		MIN	57	63	60	60	65	64	64	68	69	66	66	65	64	56	56	60	66	66	65	58	55	58	58	59	63	58	58	59	60	64	61.7	
MARION JCT 2NE		(1N)																																
	4	MAX	76	77	77	78	81	71	75	83	82	82	80	71	64	72	73	78	79	77	72	74	69	70	74	71	80	77	70	78	80	83	75.8	
		MIN	57	60	61	61	63	64	63	65	66	68	68	61	61	57	58	60	62	66	66	58	56	55	55	59	62	60	58	58	59	60	60.9	
	PITTSVIEW	(1N)																																
4		MAX	79	79	81	81	80	83	77	82	83	82	83	76	74	70	76	78	80	77	67	75	72	72	75	67	80	75	60	73	76	80	76.4	
		MIN	56	59	61	61	61	62	63	65	65	67	66	65	64	56	56	59	66	64	64	57	56	55	55	59	61	58	53	53	55	58	60.0	
THORSBY EXP STATION		(1N)																																
	4	MAX	79	80	80	81	81	81	88	83	81	81	78	68	70	72	73	75	75	76	71	67	70	74	70	78	78	68	79	80	81	80	76.6	
		MIN	61	62	60	64	64	64	64	65	67	66	61	60	60	55	60	63	64	66	62	55	54	50	58	61	65	59	57	60	63	67	61.2	
	WINFIELD 2 SW	(1N)																																
4		MAX	75	75	77	78	75	81	75	80	82	81	80	67	64	72	73	78	71	79	79	69	70	74	76	75	78	70	70	78	80	75	75.2	
		MIN	58	56	60	63	63	65	64	65	61	66	67	54	59	54	58	60	64	67	61	56	54	55	54	60	69	56	55	58	57	65	60.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
APRIL 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.34	.21	.21	.19	.19	.25	.13	.23	.17	.25	.10	.11	.28	.21	.22	.20	.14	.42	.25	.10	.13	.27	.17	.22	.10	.03	.17	.22	.19	-	5.908
		WIND	68	35	37	78	32	84	52	33	29	67	107	19	79	58	35	52	60	91	124	156	80	55	51	34	80	177	87	37	42	55	1994
		MAX	84	88	80	79	86	80	92	87	87	84	77	73	82	84	87	84	76	82	78	72	68	73	77	75	70	61	81	84	79	78	79.6
		MIN	59	60	58	50	62	60	65	58	66	62	63	52	57	49	56	56	63	66	56	50	47	45	55	61	61	51	48	52	58	64	57.0
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.25	.34	.23	.24	.18	.27	.15	.15	.00	.22	.21	.12	.04	.23	.17	.20	.20	.17	.28	.22	.16	.16	.26	.10	.18	.14	.18	.20	.21	.11	5.57
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.23	.25	.23	.21	.25	.25	.15	-	-	-	-	.08	.18	.16	.16	.71	.27	.25	.34	.19	.28	.22	.13	.19	.24	.11	.25	.25	.25	6.548	
		WIND	17	35	24	30	45	23	45	31	16	30	68	60	46	57	18	18	22	39	69	105	48	63	25	20	20	96	89	41	21	31	1252
		MAX	89	-	-	84	82	89	75	87	92	87	83	70	75	70	81	88	90	82	65	81	72	73	80	74	87	79	48	77	83	85	79.6
		MIN	-	-	-	55	57	56	58	59	60	57	60	53	55	48	54	57	60	62	56	45	47	38	39	49	60	43	38	46	46	52	52.2
MARTIN DAM		EVAP	-	.20	.17	.26	.19	.25	.08	.20	.16	.15	.25	.01	.09	.17	.13	.15	.25	.24	.03	.32	.13	.30	.17	.08	.13	.18	.08	.19	.20	.23	5.168
		WIND	32	33	30	32	31	30	26	22	30	57	39	46	64	36	33	30	42	47	45	29	52	30	20	28	49	89	37	28	29	35	1131
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.23	.29	.25	.21	.23	.12	.07	.20	.20	.19	-	-	.12	.18	.26	.18	-	.15	.23	.39	.26	.21	.09	.18	.24	.25	.34	.09	.25	6.248	
		WIND	22	47	43	44	32	50	46	23	17	31	91	46	52	53	22	14	16	61	48	91	52	74	53	28	27	125	111	43	14	57	1433
		MAX	90	85	89	88	92	91	82	96	95	91	89	68	62	78	82	91	92	87	87	80	77	79	84	75	92	80	81	85	90	88	84.9
		MIN	50	53	54	53	62	59	61	63	64	63	63	55	55	53	53	53	61	65	61	48	48	48	48	54	58	48	47	50	51	58	55.3
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.20	.20	.20	.18	.15	.22	.12	.1	.62	.20	.11	.11	-	.14	.17	.19	.16	.08	.16	.34	.19	.23	.21	.05	.18	.30	.26	.25	.23	.21	5.868
		WIND	17	21	20	15	21	19	24	29	39	22	39	39	39	33	20	19	15	27	65	67	30	30	22	14	32	79	60	31	28	17	933
		MAX	90	90	91	90	90	94	81	-	92	86	84	82	64	79	85	91	92	87	87	89	85	88	91	74	93	90	81	85	88	90	86.5
		MIN	55	59	58	58	63	62	61	-	63	62	62	58	58	56	55	64	65	66	64	52	52	53	52	61	60	49	49	52	56	64	58.2

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF PALMER GODSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAR
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS DORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE C FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430					MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	5P		H	ALABAMA FORESTRY COMM
CHILDESBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
CODEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	HOUSTON	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

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ALABAMA  
APRIL 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RA010 STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-76S
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175	7A	7A			ARLON L OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE W50 AP	4064	01	MAISON	12	34 39	86 46	624	M10	M10	M10	C HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400	7A	7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220	8A			C	ALLIEO PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690	7A	7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290	6A				ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270	7A	7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	5P		H	MISS MAYMIE LANORUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589	7A	7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480	8A				JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173	7A	7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195	7A	7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350	7A	7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			JAMES A MC INNIS
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE W50 AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY W50 AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON 2	5639	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	750	8A	8A		H	RA010 STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	5P		H	RA010 STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSOLE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RA010 STATION WWWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SANO MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SANO MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTT580RO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RA010 STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES
THOR58Y EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
APRIL 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J DILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	MID	MID		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAILEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			WALTER PARKER
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW NEW STATIONS	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:		Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	:	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	:	Smithdale fine sandy loam	Bare	0-2%
Headland	:	Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	:	Sumter Clay	Bare	3-5%
Pittsview	:	Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station	:	Fine Loamy	Bare	0-2%
Winfield 2 SW	:	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

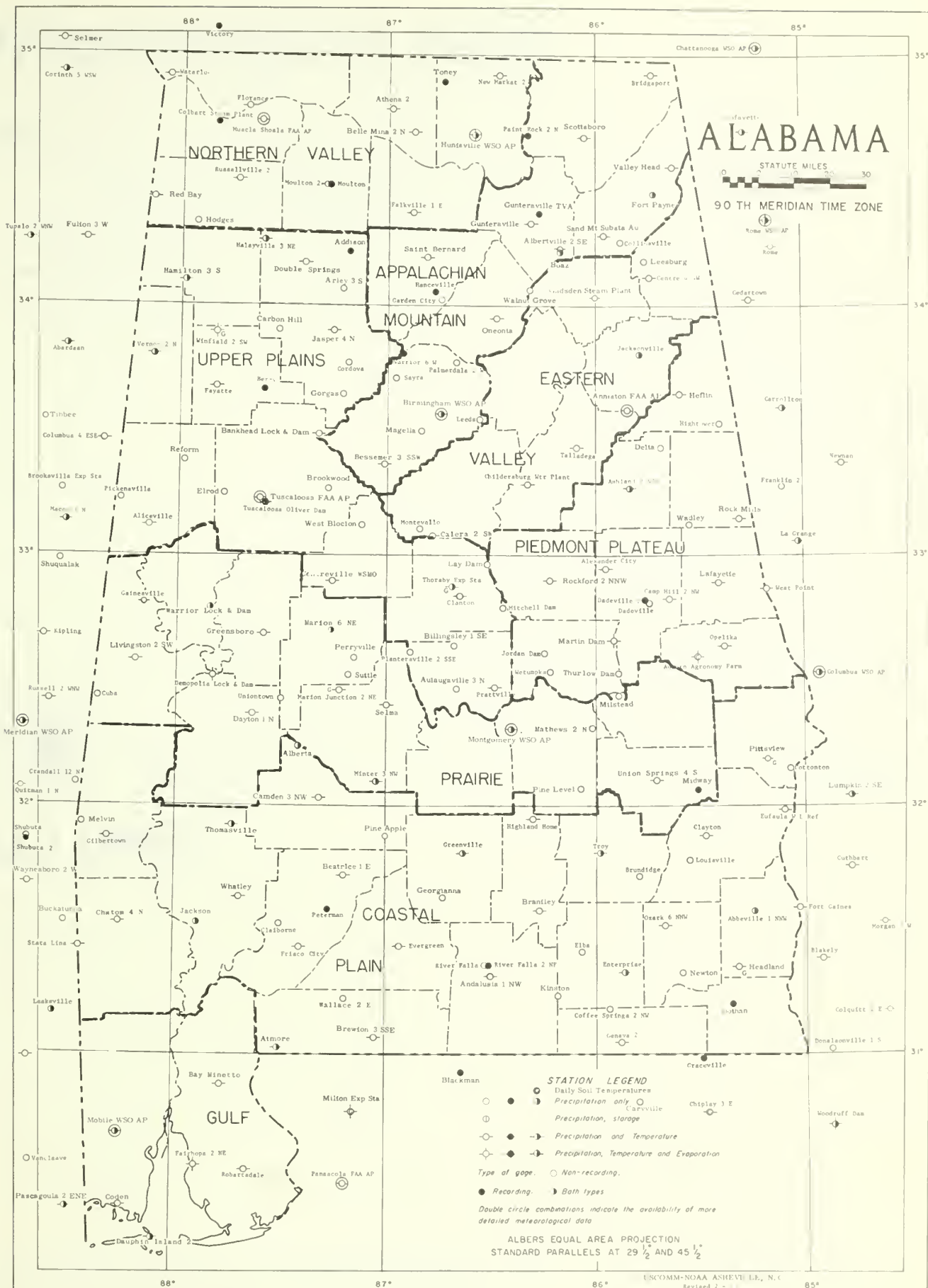
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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NATIONAL CLIMATIC CENTER  
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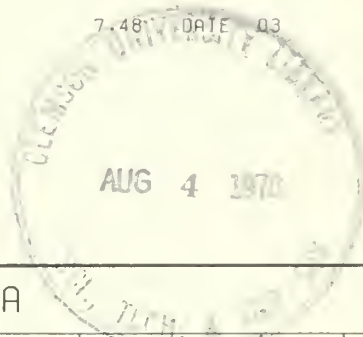
# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: BANKHEAD LOCK AND DAM 97 DATE 27  
 LOWEST TEMPERATURE: 2 STATIONS 40 DATE 16+  
 GREATEST TOTAL PRECIPITATION: FRISCO CITY 16.12  
 LEAST TOTAL PRECIPITATION: JACKSONVILLE 4.61  
 GREATEST 1 DAY PRECIPITATION: COOEN 7.48 DATE 03



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSO AP	28	0.8	6.1	30	E	03	85	87	62	64	2	1	5	3	4	0	15	57	5.9		
HUNTSVILLE WSO AP	25	1.2	7.9	30++	27	14	79	81	55	58	5	3	3	1	3	0	15	-	6.6		
MOBILE WSO AP	16	1.7	7.6	25++	24	03	86	89	56	64	6	4	2	0	0	2	14	-	5.6		
MONTGOMERY WSO AP	30	1.0	5.8	51	NW	09	78	82	55	59	2	3	3	1	2	2	13	68	4.9		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL  
DATA SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
MAY 1978

STATION	TEMPERATURE													PRECIPITATION													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
										MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE				
										30° OR ABOVE	32° OR BELOW	34° OR BELOW	36° OR BELOW														
NORTHERN VALLEY 01																											
ATHENS 2	77.3M	54.4M	65.9M		90	28	41	2	83	3	0	0	0	7.09		2.30	9	.0	0		9	6	4				
BELLE MINA 2 N	77.6	55.8M	66.7M		91	28	42	15	69	3	0	0	0	5.64		1.58	9	.0	0		8	5	2				
FALKVILLE 1 E	77.8	54.8	66.3		91	28	43	15	78	3	0	0	0	8.66		2.05	1	.0	0		12	5	4				
HUNTSVILLE WSO AP	77.7	57.2	67.5	- 2.1	91	26	46	17	60	1	0	0	0	6.30	2.44	1.48	8	.0	0		7	4	3				
MOULTON 2	80.0	57.6	68.8		93	26	42	2	49	4	0	0	0	10.50		3.33	1	.0	0		9	4	4				
MUSCLE SHOALS FAA AP	78.6	57.9	68.3	- 1.5	93	26	44	2	65	5	0	0	0	8.34	4.79	2.91	8	.0	0		8	4	3				
RED BAY	81.5	58.7	70.1		95	27	45	15	41	4	0	0	0	9.17		4.10	7	.0	0		8	5	3				
RUSSELLVILLE 2	76.6M	53.1M	64.9M		92	28	41	17	100	2	0	0	0	11.30		1.90	9	.0	0		11	8	6				
DIVISION			67.3	- 2.1										8.38	4.68			.0									
APPALACHIAN MOUNTAINS 02																											
BESSEMER 3 WSW	82.6M	57.3M	70.0M		93	25	45	16	27	11	0	0	0	8.52	4.36	1.90	7	.0	0		8	5	5				
BIRMINGHAM WSO AP	77.9	58.5	68.2	- 2.3	88	26	45	16	42	0	0	0	0	8.51	4.89	1.37	7	.0	0		12	7	4				
GUNTERSVILLE																											
ONEONTA	78.3	54.7	66.5	- 2.6	90	28	45	16	61	3	0	0	0	5.76	2.16	1.77	9	.0	0		8	4	2				
SAINT BERNARD	80.0	55.4	67.7	- 1.0	92	27	44	15	54	3	0	0	0	5.12	1.16	1.37	8	.0	0		9	3	2				
SAND MT SUBSTA AU	76.3	55.9M	66.1M		89	28	44	2	80	0	0	0	0	6.16		1.82	9	.0	0		8	4	3				
SCOTTSBORO	78.6	53.1	65.9	- 2.8	93	27	41	2	82	3	0	0	0	6.14	2.21	1.52	4	.0	0		9	5	3				
VALLEY HEAR	76.0	51.8M	63.9M	- 3.0	88	27	40	16	108	0	0	0	0	8.63	4.76	2.42	9	.0	0		9	7	4				
DIVISION			66.9	- 2.1										6.98	3.13			.0									
UPPER PLAINS 03																											
ALICEVILLE	81.6	58.4	70.0		93	28	48	16	28	7	0	0	0	7.00	3.80	1.73	9	.0	0		8	5	2				
BANKHEAD LOCK AND DAM	82.8	58.7	70.8		97	27	49	16	20	7	0	0	0	9.43	5.84	2.16	8	.0	0		8	6	4				
CENTREVILLE WSO	81.3	58.3	69.8		93	27	46	5	27	4	0	0	0	7.43		1.70	4	.0	0		8	5	3				
CLANTON	82.2	56.7	69.5	- 1.6	95	27	44	16	24	8	0	0	0	6.90	3.22	2.00	4	.0	0		8	4	4				
DOUBLE SPRINGS	79.1M	55.0	67.1M		92	27	42	18	76	3	0	0	0	9.74		2.90	8	.0	0		11	6	4				
FAYETTE	81.8M	56.8M	69.3M	- .9	93	27	45	16	42	7	0	0	0	10.96	7.32	3.20	7	.0	0		9	7	5				
HALEYVILLE 3 NE	78.4M	55.1M	66.8M	- 1.9			44	16	62	0	0	0	0	13.62	9.83	3.93	28	.0	0		12	7	3				
HAMILTON 3 S	80.1	52.3	66.2		92	26	41	16	79	4	0	0	0	10.64		2.62	9	.0	0		14	7	4				
JASPER 4 N	79.9	54.3	67.1		92	27	43	16	65	3	0	0	0	8.36		1.79	8	.0	0		11	6	3				
THORSBY EXP STATION	82.1	60.1	71.1		93	26	47	16	13	3	0	0	0	7.16		1.66	3	.0	0		9	5	4				
TUSCALOOSA FAA AP	81.5	61.6	71.6	- .3	94	26	48	5	20	8	0	0	0	8.25	4.57	1.87	7	.0	0		12	6	2				
TUSCALOOSA OLIVER DAM	81.3	59.2	70.3		93	27	48	6	27	4	0	0	0	8.68	4.91	2.01	9	.0	0		11	6	3				
VERNON 2 N	80.4M	55.0M	67.7M		94	27	42	17	61	7	0	0	0	9.42		2.30	9	.0	0		11	5	4				
WINFIELD 2 SW	79.4	55.0	67.2		91	27	43	16	62	3	0	0	0	10.77	7.10	2.59	30	.0	0		12	6	4				
DIVISION			68.9	- 1.9										9.17	5.46			.0									
EASTERN VALLEY 04																											
ANNISTON FAA AP	81.4	58.6	70.0		92	26	47	15	33	6	0	0	0	6.04		1.69	1	.0	0		8	6	1				
CALERA 2 SW	82.3	56.3	69.3		93	26	42	16	19	8	0	0	0	8.22	4.55	1.83	29	.0	0		9	5	5				
CENTRE 4 SW	78.7	56.7	67.7		92	27	46	16	53	3	0	0	0	5.44		2.19	9	.0	0		6	4	2				
CHILDSBURG WTR PLANT	83.1	58.3	70.7		92	26	45	15	18	7	0	0	0	6.80	2.92	2.50	1	.0	0		7	6	3				
GAOSEN STEAM PLANT	78.8	57.0	67.9	- 1.6	91	29	47	17	48	4	0	0	0	7.57	3.89	1.91	9	.0	0		8	5	3				
TALLADEGA	82.4M	54.3M	68.4M	- 1.9	92	31	42	17	35	5	0	0	0			2.75	9	.0	0				4				
DIVISION			69.0	- .9										6.81	3.30			.0									
PIEDMONT PLATEAU 05																											
ALEXANDER CITY	82.1	58.8	70.5		92	27	46	16	16	5	0	0	0	6.20	2.63	1.82	4	.0	0		8	4	4				
ASHLAND 2 SSE	77.9	55.0	66.5		88	27	42	15	59	0	0	0	0	8.88		1.96	1	.0	0		8	6	4				
AUBURN AGRONOMY FARM	82.7	60.9	71.8	.4	96	27	46	16	13	9	0	0	0	8.04	4.14	2.80	9	.0	0		7	4	3				
HEFLIN	79.6	54.0	66.8		93	27	42	15	69	5	0	0	0	8.09		2.93	1	.0	0		7	5	3				
LAFAYETTE	82.6	57.9	70.3		93	26	43	15	20	6	0	0	0	8.45		1.91	1	.0	0		9	8	2				
MARTIN DAM	81.3	58.7	70.0		91	27	45	16	18	3	0	0	0	6.92	3.56	2.09	4	.0	0		8	7	2				
OPELIKA	81.0	54.0M	67.5M		93	27	40	16	49	3	0	0	0	8.15		2.61	9	.0	0		6	4	3				
ROCKFORD 2 NNW	80.9	55.4	68.2		91	27	42	16	36	3	0	0	0	7.11		2.18	4	.0	0		10	5	3				
ROCK MILLS	82.7	54.9	68.8	- 1.3	94	27	42	15	36	8	0	0	0	5.39	1.72	1.90	1	.0	0		6	4	2				
DIVISION			68.9	- 1.6										7.47	3.77			.0									
PRAIRIE 06																											
DAYTON 1 N	83.7	58.7	71.2		94	27	41	5	13	9	0	0	0	8.74	4.86			.0	0								
DEMOPOLIS LOCK AND DAM	81.5	59.6	70.6		92	28	46	6	19	5	0	0	0	8.61	4.79	1.88	8	.0	0		13	6	4				
GAINESVILLE	81.3	60.4	70.9		93	28	47	5	18	6	0	0	0	12.17	8.73	5.12	1	.0	0		10	5	4				
GREENSBORO	83.1	59.5	71.3	- 1.5	94	27	46	5	11	9	0	0	0	9.35	5.49	2.17	1	.0	0		9	5	4				
HAYNEVILLE	83.4	62.9	73.2		92	27	54	5	5	6	0	0	0	6.73	3.30	2.12	4	.0	0		7	4	3				
LIVINGSTON 2 SW	84.9	57.0M	71.0M		95	28			1	9	0	0	0	8.34	4.64	2.20	7	.0	0		10	6	3				
MARION JUNCTION 2 NE	81.4	58.9	70.2		93	27	47	17	23	5	0	0	0	8.54	4.96	2.38	4	.0	0		11	6	3				
WINTER 3 NW	83.5	60.3	71.9		94	27	48	5	9	8	0	0	0	8.12		3.08	4	.0	0		9	5	3				
MONTGOMERY WSO AP	82.1	62.7	72.4	.0	91	26	52	16	2	1	0	0	0	12.01	8.54	5.23	9	.0	0		8	5	4				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

MAY

1978

STATION		TEMPERATURE													PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS					
																	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
									32° OR HIGHER	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW												
SELMA UNION SPRINGS 4 S		84.9 83.7	63.1 58.3	74.0 71.0	-.2 - 1.6	96 27 94 27	51 5 48 5	1 7 7 7	11 8 0 0	0 0 0 0	0 0 0 0	8.22 8.52	4.54 5.02	2.43 2.38	4 4	.0 .0	0 0	7 10 4 6	4 5 3 3	3 3 3 3					
DIVISION				71.6	- 1.1							9.03	5.44			.0									
COASTAL PLAIN 07																									
ANDALUSIA 1 NW		84.3	56.0M	70.2M	- 3.6	94 27	44 5	12	9	0	0	12.41	8.20	5.35	4	.0	0	14	7	3					
ATMORE		84.9	63.1	74.0		93 29+	50 5	4	10	0	0	8.01		5.00	4	.0	0	10	3	1					
BEATRICE 1 E		82.0M	63.7M	72.9M		91 31+		0	0	0	0	10.73	6.83	3.35	4	.0	0	9	7	4					
BRANTLEY		85.4	58.3	71.9		93 29+	46 5	3	12	0	0	10.51	6.89	4.89	4	.0	0	10	5	3					
BREWTON 3 ENE		84.6	61.0	72.8		94 27	48 5	6	10	0	0	10.43		3.66	4	.0	0	11	8	2					
BREWTON 3 SSE		87.8	59.5	73.7	-.9	95 26	45 5	0	15	0	0	11.49	7.13	3.68	4	.0	0	11	6	5					
CAMDEN 3 NW		83.5	59.0M	71.3M		95 27	46 5	22	8	0	0	8.06		2.64	4	.0	0	10	4	3					
CHATON 4 N		85.4	61.6	73.5		94 27	46 5	6	12	0	0	8.50		4.26	3	.0	0	12	5	2					
CLAYTON		81.8	60.9	71.4		92 27	50 5	5	1	0	0	8.45	4.57	2.80	4	.0	0	10	5	4					
ENTERPRISE 5 NNW		83.6	62.6	73.1		93 27	51 6	0	10	0	0	7.89		3.75	4	.0	0	11	4	2					
EUFULA WILDLIFE REF		84.1	58.4	71.3	- 1.8	95 27	45 16	10	8	0	0	6.60	2.65	2.32	4	.0	0	7	4	2					
EVERGREEN		83.4	60.2	71.8	-.9	95 27	46 5	7	9	0	0	12.99	9.24	3.15	4	.0	0	11	7	4					
FRISCO CITY		82.5	61.8	72.2		92 29	49 5	7	4	0	0	16.12	12.06	4.70	4	.0	0	14	10	7					
GENEVA 2		84.5	62.4	73.5		95 27	51 5	0	10	0	0	9.28		4.67	4	.0	0	10	5	3					
GILBERTOWN		84.3	60.2	72.3		94 27+	43 5	5	9	0	0	10.42		2.90	3	.0	0	11	9	3					
GREENVILLE		83.4M	59.4M	71.4M	- 2.1	96 28	46 5	7	6	0	0	8.26	4.27	3.85	4	.0	0	11	5	2					
HEADLAND																									
HIGHLAND HOME		83.1	59.5	71.3	- 1.6	94 27	48 6+	9	8	0	0	8.00	4.04	4.46	4	.0	0	9	5	1					
OZARK 6 NNW		83.7M	61.8M	72.8M	- 1.1	94 26	51 5	0	0	0	0	7.03	3.26	1.86	9	.0	0			3 3					
PITTSVIEW		82.7M	56.2M	69.5M		92 27	45 15+	23	3	0	0	7.62		2.26	4	.0	0	10	5	2					
THOMASVILLE		83.4	60.1M	71.8M	-.9	94 27	45 6+	14	8	0	0	9.20	5.29	2.83	4	.0	0	11	6	3					
TROY		83.3	61.8	72.6	-.7	93 26	50 5	1	8	0	0	6.24	2.30	3.10	4	.0	0	9	3	1					
WHATLEY		83.9	56.7	70.3		95 28+	47 14+	14	11	0	0	9.30	5.55	3.00	4	.0	0	9	8	4					
DIVISION				72.1	- 1.2							9.43	5.52			.0									
GULF 08																									
BAY MINETTE 3 NNW		86.1	62.5	74.3	-.3	93 26+	48 14	1	10	0	0	7.39	2.53	4.05	3	.0	0	6	3	3					
COOEN		83.7	64.2	74.0		91 26	51 5	1	1	0	0	9.13		7.48	3	.0	0	4	2	2					
DRUPHIN ISLAND 2		81.8	70.7	76.3		91 27	62 5	0	1	0	0	10.42		4.82	4	.0	0	4	3	3					
FAIRHOPE 2 NE		84.0	64.0	74.0	-.6	92 27	52 6	3	2	0	0	10.71	6.38	5.31	4	.0	0	6	3	3					
MOBILE WSO AP		84.3	66.4	75.4	-.6	92 27	55 5	0	4	0	0	9.74	5.22	5.97	3	.0	0	4	2	2					
ROBERTSDALE		85.2	63.5	74.4	-.5	94 27	52 6+	3	9	0	0	9.53	4.83	4.98	4	.0	0	6	3	3					
DIVISION				74.7	-.0							9.49	5.22			.0									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## DAILY PRECIPITATION

ALABAMA  
MAY 1978

STATION		TOTAL	DAY OF MONTH																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																		
ATHENS 2		7.09	1.04	.12			.52			1.05	.53	2.30		.02	1.02						.23				.04								.22	
BELLE MINA 2 N		5.64	.68	.19			.53	.01	T	.27	1.08	1.58		.05	.77		.01				.07	.03		T	.37									
FAULKVILLE 1 E		8.85	2.05	.16			.66			.26	1.32	1.55		.06	.42					.25	.05	.28		.12							1.32	.06	.10	
HODGES		9.68	.73				.90			1.55	1.27	1.95		.12	1.21						.37				.26						.41	.91		
HUNTSVILLE WSO AP		8.30	.24	.49			.03	T		1.31	1.48			.99	T					.08			T		.05			1.27		.36	T			
MOULTON 2		10.50	3.33	.30			.29			2.22	2.34			.05	1.10					.03		.20	T	.27							.37			
MUSCLE SHOALS FAR AP		8.34	.15	.78			.04	T		2.52	2.91			.26						.01		.20	.02	1.28						.16	.01			
RED BAY		9.17	1.15	.62						4.10	1.64			.20	.70					.36												.40		
RUSSELLVILLE 2		11.30	1.70	.12			.94			1.70	1.62	1.90		.05	1.07						.30				.10						1.25	.55		
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW		8.52	1.17	1.38			.32			1.90	1.65			.12	.46					.02			.05							1.45	.21	T		
BIRMINGHAM WSO AP		8.51	1.04	.80			.34			1.37	1.16			.86	.46					.20			.03	.44	T			.52		1.08	.48	.07		
BORZ		5.53	.58	.23			1.10	T		.22				.09	.22						.04													
FORT PAYNE		7.27	1.53	.08			1.04	.01		T	1.12	1.83			.18		.02			.23	T	.27			.03			.85	T		.05		.02	
GARDEN CITY		-	.87				.76			.74	-			x	x	x	x	x	x	x	1.30	.07	.26	.12							T	.07	.20	
GUNTERSVILLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEEDS		8.19	2.02				1.45			1.15	1.80			.03	.78						.27			.11	.03		.01		.03		.16	.35		
ONEONTA		5.76	.55	.13			.88			1.53	1.77			.05	.45						.10			.13				.08			.08		T	
PALMERDALE 2 W		5.14	1.55				.98			.81	2.48			.10	.48						.34			.18										
SAINT BERNARD		5.12	.75	.42			.31			1.23	1.37			.10	.26					.09		.09								.31	.08	.11		
SAND MT SUBSTA AU		6.16	1.16	.04			1.45	T		.15	.98	1.82		.03	.18					.02								.06			.10	.17		
SAYRE		9.54	2.52				.95			1.56	1.58			.25	.64						.14			1.00						.56	.59			
SCOTTSBORO		6.14	1.09	.22			1.52	T		.04	1.15	.93		.08	.51	.04						.19									.56	.22	.15	
VALLEY HEAD		8.83	1.61	.09			1.04	.04	T	1.02	2.42			T	.70		.06			.17	T	.20				.54	.64	T	T		.05	.03	T	.02
WARRIOR 6 W		7.98	2.02				.83			1.44				.07	.28							.37	.04	.23							1.30	1.30		
UPPER PLAINS 03																																		
ALICEVILLE		7.00	.92	.10	.01		.72	T		.30	1.66	1.73		.47	.85				.06	.05	.04			.05	.11	.15	.18				.34	2.22	.03	.01
ARLEY 3 S		8.79	.58	.17			.72	.01		.11	1.52	1.69		.11	.31						.53	.04												
AULTAUGRAVILLE 3 N		7.68	.65	.54			2.52			.81	2.48		.05		.13						.62													
BANKHEAD LOCK AND DAM		9.43	.62	.26			1.24			.05	2.16	1.95		.09	.55							.02									.03	.38	2.07	
BROOKWOOD		8.90	.90	T			1.60			.65	1.40	1.55		.10	.70						.10										.15	1.30	.45	
CARBON HILL		-	-	-	-	-	-	-	-	1.17	1.08	-		.15	.23					T		.20	.01	.19		.25			.03	1.00	1.37	.37		
CENTREVILLE WSO		7.43	1.53	.02	T		1.70	.01		.04	1.51	.90		.08	.37						.02				.62	.01					.33	.21	.08	
CLANTON		8.90	1.25				2.00			.55	1.60	1.10		.09	.48					T											.15	.45		
CORONA 2 ENE		12.51	3.60	.09			.83			.55	1.34	1.63		.09	.48						.16			.24	1.15	.02		.07			1.88	.37		
DOUBLE SPRINGS		9.74	1.17				.80			1.25	2.90	.20		.16	.25						1.65	.05	.30	.05							.40	.56		
ELARD		8.14	.85	.05			.95			.30	1.80	2.00		.22	1.20															.48		.19		
FAYETTE		10.96	.60				1.32			3.20	.10	1.37		.25	.60						.05				1.02						2.25			
GORGAS		7.20	.64	.15			.94			.08	1.76	1.28		.07	.31						.12			.12	.21	.04					.81	.67		
HALETVILLE 3 NE		13.62	.38	.52			.38			2.46	2.78	.66		.15	.96					.86	.63	.23								3.93	.03	.28		
HAMILTON 3 S		10.64	.57	.17			.89	.02		1.30	1.56	2.62		.31	.83						.10	.01	.17	.33	.37			.18		.07	1.03	T		
JASPER 4 N		8.36	1.41	.03			.75	T		1.79	1.17			.10	.48					T	.64			.22	.29	.07			.04		.87	.40		
LAY DAM		-	.65	.38			1.54			.02	.10	.82		.02	.60																.18	.09		
MITCHELL DAM		6.19	.03	1.03			2.00			.02	1.45	.84			.14					.01											.01	.09		
PICKENSVILLE 2		8.84	.91	.08			.80			2.05	2.53			.58	.48																.03			
PLANTERSVILLE 2 SSE		7.25	1.10				2.00			.10	1.95	1.45			T					.25				.10							.30			
REFORM 2 E		10.36	.91				.83	.03		.12	2.36	3.31		.33	1.27					.01	T				1.17						.02			
THORSBY EXP STATION		7.16	1.10	1.66			.10			1.54	1.20	.15		.72										.07							.16	.44		
TUSCALOOSA FAR AP		8.25	.69	.96			.83		.24	1.87	1.72			.93	.22						.10		.59						.33		.10	.37	.17	
TUSCALOOSA OLIVER DAM		8.68	.99	.16			1.01			.02	1.87	.20		.17	.88						.10			.19		.09					.08	.66	.61	.04
VERNON 2 N		9.42	1.01	.05			.85			2.14	1.45	2.30		.38	.37									.20		.23		.22			.22			
WEST BLOCTON		8.80	1.20	.10			1.80	.10		1.10	1.35			.05	.70						.20				.05						.05	2.00	.10	

# DAILY PRECIPITATION

ALABAMA  
MAY 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SELMA	8.22		.83	.03	2.43			.23	1.73	2.30	.07	T	.42	T				T	.10											.03	.05		
SUTLE	8.81	.86	.14		2.41			X	2.50	1.45			.40						.44											.71			
TALLAPOOSA WATER PLT	8.80		.87		2.30	.02		.04	1.25	1.13	2.00			.45					.32				.25	.37								T	.14
UNION SPRINGS 4 S	8.52		.70		2.38	.03		.15	.80	1.88	.46			.50					.05	.28	1.18												
UNIONTOWN	6.31	.46			.72	.85		.75	1.55	.70			.15						.18				.46								.68		
WAGGNER LOCK AND DAM	8.08	1.50	.54		1.42			.46	1.48	1.03			.13	.30					.02	.20	.05			.50						.33	.10		
X X X COASTAL PLAIN 07																																	
ADAMSVILLE 1 NNW	8.77		1.09	.03	2.33			.10	.16	.57	1.10			.32				T	.47	.12								.46					
ALBERTA	9.63	.20	.30	.15	2.30			.74	1.75	2.27			.08	.35					.21	.01			.14	.01				.41		.82	.09		
ANDALUSIA 1 NW	12.41	.30	.37	.22	5.35			1.34	.13	.73	1.10		.01	.76				.14	.30	.28				.80								.80	
ATHENS	8.01		.73	.38	5.00				.10	.75	.19			.20					.30											.18			
BEATRICE 1 E	10.73		.88	.30	3.35			2.50	1.10	.85			.07	1.05					.75														
BENTLEY	10.51		1.08	.36	4.89			.25	.28	1.57	.44			.73				.08		.61				.24									
BOWEN 3 ENE	10.43	.02	.88	.60	3.66			.78	.14	.15	1.71			.76				.51	.52	.43	.08			.06				.08			.07		
BOWEN 3 SSE	11.40	T	1.58	.30	3.88			1.05	.22		1.92	T		.80				1.00	.44	.46												.25	
BOWLING	7.46	T	.77	.05	3.00			.13	.27	.88	.80	T		.47				T	1.05	.19				.07									
CARDEN 3 NW	6.08		.45	.18	2.64			.72	1.09	1.83			.02	.40					.18		.32			.02						.21			
CHATHAM 4 N	8.50	.58	.02	4.28	.05		.10	.83	.25	1.00			.24	.50				.46	.11	.15			.15									T	
CLARIBOKE	11.21		1.54	.43	3.28			2.25	.77	.97	.19		.05	.71				.29	.08	.42										.22			
CLAYTON	8.45		.85		2.80			.23	.28	1.11	.29			.28					1.21	.31												1.29	
COFFEE SPRINGS 2 NW	12.40		1.85		5.20			.35		.30	1.40			.50				.15	.30	.35												.10	
COTTONWOOD	7.97		.57		2.85				.20	1.77	.80			.23				.07			.85			.25		2.10	.44				.37	.17	
ELBA	13.89	.10	.80	.20	5.40			.25	.12	1.95	2.37			.52				.12	.18	.40					1.20							.08	
ENTERPRISE 5 NNW	7.89		.03	.97	.19	3.75		.15	.10	.33	1.19			.51				.20	.15	.32													
EUFULA WILDLIFE REF	8.80	.05	.85		2.32			.13	1.95	.25				.19					.08	.95	.04		.01										
EVERGREEN	12.99		.80	.29	3.15			2.88	.23	1.50	2.40	T		.61				.13	.06	.58												.02	
FAIRBORN CITY	18.12		.75	1.00	4.70			1.03	.88	1.35	2.05			.30				.20	.20	1.50										.56	.15		
GENEVA 2	9.28	T	1.13	.26	4.87			.85	.02	.01	1.02			.59				.38	.17	.20	.20												
GEORGIANA	10.35		.85	.42	4.79			1.25	.30	.71	.35			.58						.85				.27									
GILBERTOWN	10.42	.85		2.90	T		.12	1.86	.87	.55				.75	T			.23	.81				1.25	.53									
GREENVILLE	8.28		.73	.23	3.85			1.00	.79		.08			.38					.10	.58	.32				.14								.12
HEADLAND																																	
HIGHLAND HOME	8.00		.80	.08	4.46			.12	.55	.83	.19			.30					.22	.58	.03										.08		
HURTSBORO	8.54		.41		2.20			.24	.58	1.82	.72			.86					.60	.42			.02		.06							.81	
JACKSON	9.08		.98	.72	2.88	.02		.15	.41	1.73			.15					.62	.28	.35									.30	T			
KINSTON	13.78	.04	.80	.18	5.84			.74	.40	.52	1.32			.35				.18	.87	.20	.01											2.32	
LOUISVILLE	7.88		.83		2.80			.14	.22	.85	.82			.28					1.54	.33													
MELVIN	9.44		.72		2.92			1.10	.88	1.32			.32	.74				.38	.30	.12					.46					.17	.22		
MELTON	8.00		1.00		3.00	.25				1.00	.75			1.10					.30		.10											.50	
OSAKA 8 NNW	7.03	.32		1.75	1.20			.22	1.03	1.11				.27					.37	.20	.18		X		.46						.20		
PINE APPLE	8.02		.58	3.37				.52	1.03	1.11			.05	.87						.57											.12	.01	
PITTSVIEW	7.82		.54		2.28	.03		.07	.35	1.54	.55			.41					.01	.38			.41		.83				.04		.01	.19	
THOMASVILLE	9.20		.48	.25	2.83	.02		.58	1.20	1.42	.02	.05	.54					.06	.40	.45					.02					.77	.10	.01	
TROY	8.24		.37		3.10		.12		.50	.82	.32			.35					.46		.05				.15								
WALLACE 2 E	12.97		.22	1.30	4.48			.85	.40	1.00				1.20				.75		1.40												1.57	
WHITLEY	9.30		1.03	.95	3.00					1.25				.80					.55	1.10					.72							.30	
X X X DULF 08																																	
BAY MINETTE 3 NNW	7.39	.15		4.05	.02			.14	.01	1.20				.08					.28	1.38	.03											.07	
COHEN	9.13			7.46		.12		T	T	1.30			T						.18		.05												
DAUPHIN ISLAND 2	10.42			4.10	4.62	.09		.03	.04	.21	1.12		.01																				
FAIRHOPE 2 NE	10.71			.39	5.31			.02		.05	2.99		T																				
MOBILE WSO AP	9.74		.03	5.97	T		T	.17	T	3.08						T			.43	T				.01			T	1.30	.37				
ROBERTSDALE	9.53	T	T	.26	4.98			.06	.02	T	2.41			T						.17		T						1.45	.18				

SEE REFERENCE NOTES FOLLOWING STATION INDEX



ALABAMA  
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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	75 57	64 41	66 47	62 52	64 55	47	83 62	70 59	74 58	78 46	77 47	79 58	79 49	69 52	73 44	62 44	67 43	75 55	80 55	86 53	86	87 59	85 62	85 61	87 60	90 64	90 64	87 64	87 62	85 59	84 59	77.3 54.4
BELLE MINA 2 N	MAX MIN	75 57	64 43	67 44	62 52	66 66	65 49	82 54	69 63	74 61	77 50	76 51	79 52	81 51	69 50	72 42	62 46	69 46	75 47	80 57	84 55	86 61	86 63	84 62	86 63	87 64	91 65	91 65	91 65	91 65	84 65	84 65	77.6 55.8
FALKVILLE 1 E	MAX MIN	70 60	69 43	67 44	65 51	66 51	69 47	83 62	70 52	74 58	79 47	76 48	78 49	79 51	71 54	61 43	62 44	67 46	76 47	80 60	84 53	88 60	86 60	85 62	87 63	89 64	90 62	91 61	91 66	84 64	81 64	81 60	77.8 54.8
HUNTSVILLE WSO AP	MAX MIN	68 53	67 47	65 48	69 54	67 52	83 50	71 65	76 66	76 54	74 50	77 50	78 61	70 57	71 50	61 48	67 46	74 46	80 58	83 56	85 55	86 64	84 62	87 63	87 64	88 64	91 65	88 65	88 65	82 65	82 65	87 62	77.7 57.2
HOULTON 2	MAX MIN	77 59	65 42	67 47	65 56	68 52	85 48	78 63	75 64	80 60	78 49	79 50	82 60	77 56	73 53	69 46	71 46	76 45	80 57	85 62	88 62	87 64	89 62	89 62	89 66	92 64	93 66	91 67	91 67	84 64	90 65	80.0 57.6	
MUSCLE SHOALS FAR AP	MAX MIN	65 53	65 44	62 48	63 51	65 51	82 50	71 62	77 63	77 61	75 49	79 52	81 62	70 57	73 52	64 48	69 48	76 47	80 58	85 61	87 57	86 65	85 64	87 63	91 66	93 66	91 67	91 67	87 66	85 66	90 63	78.6 57.9	
RED BAY	MAX MIN	77 59	70 45	67 48	64 54	69 50	88 55	80 62	82 65	80 68	80 53	81 50	80 61	75 54	75 50	73 45	69 46	79 49	78 59	86 61	90 63	89 64	88 68	88 65	89 66	92 65	93 68	95 68	85 65	86 66	88 68	89 61	81.5 58.7
RUSSELLVILLE 2	MAX MIN	78 57	67 43	65 43	61 48	59 50	68 49	85 48	68 63	73 61	77 48	76 46	77 47	78 52	68 50	71 43	64 44	69 41	75 42	80 55	85 52	87 61	85 63	85 59	87 60	91 59	91 60	91 63	84 62	83 64	83 57	76.6 53.1	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 HSW	MAX MIN	76 48	75 50	69 53	68 52	76 50	88 55	71 65	73 62	83 58	81 48	85 48	82 59	77 55	77 54	72 48	75 45	81 50	84 60	88 63	91 55	92 63	90 63	91 64	91 63	93 63	92 65	92 67		90 65	85 65	90 63	82.6 57.3
BIRMINGHAM WSO AP	MAX MIN	72 59	70 49	62 54	65 53	72 50	85 53	69 65	71 66	79 55	76 50	79 50	79 62	73 58	73 52	67 45	70 45	77 55	76 61	82 61	86 56	87 64	85 64	80 65	87 66	88 64	88 69	86 67	85 66	79 66	81 65	86 63	77.9 58.5
GUNTERSVILLE	MAX MIN																																
ONEONTA	MAX MIN	77 52	73 46	69 48	61 51	65 49	70 48	85 49	69 62	71 63	79 50	77 47	80 50	81 55	75 52	75 45	64 45	69 46	78 50	80 55	84 54	84 55	88 60	87 63	84 63	79 61	90 63	90 64	90 64	89 64	81 64	82 59	78.3 54.7
SAINT BERNARD	MAX MIN	72 58	70 44	64 53	67 52	72 62	69 47	86 78	72 62	82 80	80 47	81 50	83 51	73 57	75 49	64 47	69 47	78 50	81 59	85 64	88 59	87 64	88 62	88 62	89 62	90 61	92 62	92 63	87 63	82 63	84 64	89 58	80.0 55.4
SAND MT SUBSTA AU	MAX MIN	72 57	69 44	67 46	57 52	67 52	68 49	81 52	68 62	69 61	76 50	74 51	76 56	77 58	72 50	70 45	61 45	67 48	75 53	79 57	84 56	87 59	85 59	85 63	85 63	86 64	88 65	88 68	89 65	89 71	83 66	81 66	76.3 55.9
SCOTTSBORO	MAX MIN	71 52	71 41	72 44	60 50	70 53	67 45	84 48	72 62	72 58	79 45	78 44	78 49	78 54	73 51	70 49	61 44	67 43	77 47	82 50	86 52	89 54	88 57	87 60	88 62	90 58	91 62	93 64	87 61	88 64	87 63	81 60	78.6 53.1
VALLEY HERO	MAX MIN	62 51	65 41	68 40	68 46	67 51	68 42	78 46	70 58	70 59	76 41	74 42	78 44	78 56	72 44	68 48	68 40	63 48	72 40	78 52	85 53	85 54	84 58	84 59	85 60	84 54	88 60	88 64	86 64	82 62	84 62	78 57	76.0 51.8
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	84 61	76 50	73 52	66 52	62 49	75 49	82 58	72 64	73 62	80 51	80 51	80 54	83 60	75 53	76 49	77 48	76 51	78 52	80 62	88 62	90 66	90 68	90 65	89 63	91 63	92 65	93 67	93 68	89 66	88 67	88 63	81.6 58.4
BANKHEAD LOCK AND DAM	MAX MIN	81 62	78 51	75 50	65 52	68 53	75 54	80 55	65 55	75 62	84 52	85 54	84 58	83 62	75 53	77 50	75 49	83 54	81 62	89 58	92 61	89 58	92 60	92 60	92 66	93 66	96 67	97 68	96 66	88 65	84 65	88 65	82.8 58.7
CENTREVILLE WSMO	MAX MIN	82 59	76 54	74 53	65 53	64 46	76 50	85 55	71 65	75 65	81 55	80 54	81 52	82 60	78 50	77 49	76 48	78 49	87 56	83 62	87 60	89 62	88 62	85 64	89 64	91 64	93 67	91 68	88 66	86 66	84 65	81.3 58.3	
CLANTON	MAX MIN	81 58	75 55	76 55	60 45	69 45	75 50	85 55	70 65	77 48	82 55	81 47	82 50	81 58	77 52	77 45	76 47	78 50	85 53	88 55	90 59	91 60	91 61	87 64	90 62	92 64	93 65	90 62	90 65	89 63	83 61	82.2 56.7	
DOUBLE SPRINGS	MAX MIN	78 59	78 49	67 44	67 48	62 48	69 49	85 51	73 62	59 59	73 48	78 48	88 55	80 44	71 47	73 44	67 44	68 42	77 42	84 55	85 62	87 59	86 64	85 61	88 65	92 66	92 66	90 65	89 65	87 63	82 60	79.1 55.0	
FRYETTE	MAX MIN	83 60	73 49	72 46	63 51	62 46	74 49	82 49	71 65	73 61	83 49	82 65	83 60	83 59	78 45	75 45	79 48	80 60	83 62	88 58	91 60	92 67	90 64	88 63	91 63	90 60	93 65	90 63	89 63	85 61	87 61	81.8 56.8	
HALEYVILLE 3 NE	MAX MIN	78 58	66 44	65 47	63 55	70 48	85 50	81 62	73 63	79 58	79 51	79 50	80 55	76 50	75 49	75 44	65 46	75 46	82 48	87 54	87 64	87 64	87 65	87 61	87 64	88 63			89 62	83 62	86 60	78.4 55.1	
HAMILTON 3 S	MAX MIN	80 56	74 49	71 58	66 50	60 46	71 46	87 52	69 65	76 61	81 49	82 58	82 59	82 53	74 48	70 43	69 43	81 45	85 47	85 60	89 63	90 63	87 61	85 62	89 63	91 64	92 65	90 63	89 62	85 62	81 60	80.1 52.3	
JASPER 4 N	MAX MIN	75 56	70 45	65 48	66 52	72 48	69 55	87 52	72 65	81 59	79 48	80 46	83 49	75 48	73 47	73 43	69 48	78 47	80 43	85 57	85 63	88 63	86 61	86 62	89 63	91 64	92 65	90 63	88 62	78 64	84 63	79.9 54.3	
THORSBY EXP STATION	MAX MIN	80 61	77 57	74 58	67 60	75 47	85 53	78 64	75 67	81 64	81 62	80 47	80 61	77 60	76 52	73 48	76 47	79 54	83 60	86 63	89 60	89 63	86 66	89 66	90 64	93 68	93 68	90 67	88 65	82 66	88 63	82.1 60.1	
TUSCALOOSA FAR AP	MAX MIN	75 63	74 54	65 55	64 52	75 48	85 55	70 66	75 66	81 60	81 54	82 54	81 63	76 50	75 55	70 43	77 50	77 43	80 64	87 57	90 63	89 60	86 60	86 65	91 67	94 69	92 71	90 70	87 67	84 69	90 67	81.5 61.6	
TUSCALOOSA OLIVER DAM	MAX MIN	83 63	76 54	73 53	66 54	62 49	76 54	86 56	71 65	74 65	82 54	81 53	82 53	82 61	75 55	75 50	74 49	75 49	78 60	81 62	86 61	89 66	88 66	85 62	88 63	93 66	93 66	92 66	89 67	88 66	84 66	81.3 59.2	
VERNON 2 N	MAX MIN	83 54	75 44	71 48	68 54	60 44	71 47	85 54	70 64	73 60	81 48	80 47	81 51	81 53	72 50	76 43	73 42	79 53	77 61	86 57	82 63	90 68	90 61	86 62	89 61	93 64	94 67	90 62	85 65	85 59	88 59	80.4 55.0	
WINFIELD 2 SW	MAX MIN	80 60	74 45	70 46	66 51	60 46	71 47	85 51	70 64	73 59	79 46	80 47	80 49	80 55	71 52	75 43	72 43	69 47	80 49	81 58	85 56	89 58	89 67	87 61	85 61	88 61	90 64	91 64	90 64	87 64	82 64	83 61	79.4 55.0
EASTERN VALLEY 04																																	
ANNISTON FAR AP	MAX MIN	77 59	72 52	61 51	70 53	78 48	88 53	71 64	74 66	84 61	79 54	81 49	84 60	79 56	76 50	66 47	70 48	79 52	79 61	86 62	90 56	88 60	88 62	88 69	90 64	92 66	92 68	91 68	89 66	85 67	85 66	88 62	81.4 58.6

# DAILY TEMPERATURES

ALABAMA  
MAY 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALEBA 2 SW	MAX MIN	75 61	76 53	68 53	68 59	76 43	85 50	78 64	74 67	75 51	78 60	86 46	83 61	83 62	82 52	82 43	82 42	74 52	79 50	80 50	88 52	90 53	90 59	88 60	90 59	90 59	93 62	92 67	90 62	83 65	83 65	90 62	82.3 56.3
CENTAE 4 SW	MAX MIN	75 58	72 48	68 47	58 52	69 51	71 50	82 54	70 63	73 62	79 50	77 48	78 56	79 62	74 54	72 47	65 46	69 50	76 54	80 58	85 54	88 62	89 59	88 64	87 64	89 60	91 64	92 66	90 65	86 64	85 66	83 61	78.7 56.7
CHILDESBURG WTR PLANT	MAX MIN	79 60	75 53	72 53	79 58	75 45	87 51	86 64	74 67	82 63	82 50	82 48	80 60	77 51	76 52	75 45	73 46	80 48	80 62	85 61	89 56	90 61	90 61	86 65	90 64	91 65	92 65	91 65	88 63	82 65	89 67	83.1 58.3	
GROSDEN STEAM PLANT	MAX MIN	75 59	73 49	70 49	58 51	68 52	73 52	81 52	69 63	71 64	81 53	79 50	79 50	80 60	76 56	74 48	64 47	67 51	77 51	81 58	85 56	88 58	87 61	87 62	84 65	89 64	91 66	91 66	91 66	91 65	80 64	82 65	78.8 57.0
TALLADEGA	MAX MIN	76 58	74 54	72 49				80 50	78 52	79 55	82 47	80 47	80 60	81 49	75 52	74 42	73 43	75 42				85 59	89 88										82.4 54.3
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	82 60	74 57	76 58	68 56	72 50	75 52	86 57	70 65	78 65	82 54	80 50	82 55	83 58	80 50	78 47	74 46	75 53	82 55	84 64	86 58	88 62	90 64	89 66	88 66	90 66	89 67	92 65	90 64	91 65	87 66	83 62	82.1 58.8
ASHLAND 2 SSE	MAX MIN	77 55	72 52	71 52	63 54	69 45	72 50	82 51	68 61	74 57	78 53	75 47	79 46	78 59	74 52	72 42	67 43	70 44	77 48	78 60	83 55	86 56	86 60	86 61	84 62	85 63	87 63	88 63	87 63	86 64	80 60	77.9 55.0	
AUBURN AGRONOMY FARM	MAX MIN	81 62	71 58	76 59	67 56	74 47	77 55	86 66	73 66	82 65	80 55	79 55	81 57	81 61	80 56	78 50	73 46	76 54	78 59	85 65	90 62	90 59	91 66	90 66	88 66	88 69	90 67	96 65	91 70	92 72	90 62	88 62	82.7 60.9
HEFLIN	MAX MIN	72 53	72 47	72 54	62 53	70 44	72 44	85 60	80 65	72 60	80 46	77 43	80 53	79 55	74 48	72 42	66 43	68 44	78 55	81 59	85 50	88 52	88 52	92 60	92 61	85 58	90 63	93 62	90 63	85 63	90 63	82 59	79.6 54.0
LAFAYETTE	MAX MIN	74 59	73 54	70 55	73 54	75 46	84 53	80 62	76 65	82 64	80 49	81 50	80 56	78 64	76 50	73 43	77 46	81 51	85 61	87 62	89 55	89 60	92 62	88 63	88 64	91 67	93 63	91 65	89 62	89 65	84 61	91 61	82.6 57.9
MARTIN DAM	MAX MIN	80 65	72 60	74 59	67 58	73 49	79 52	85 60	74 65	81 63	81 54	78 48	82 56	79 62	79 51	76 46	72 45	73 56	78 60	85 61	85 59	87 58	89 62	89 62	88 63	88 64	91 64	90 62	90 68	85 66	82 60	81.3 58.7	
OPELIKA	MAX MIN	72 47	71 49	77 58	66 56	75 45	76 50	74 59	74 63	81 59	81 49	80 45	82 45	80 76	76 43		73 40	78 48	71 49	86 62	86 54	88 58	89 60	90 55	88 60	90 57	90 60	93 64	88 58	89 61	86 54	81.0 54.0	
ROCKFORD 2 NW	MAX MIN	80 58	76 54	76 54	65 55	69 45	75 48	85 61	70 63	76 62	81 48	78 47	82 53	78 58	78 49	76 42	73 42	76 46	79 54	84 59	86 55	88 60	90 58	89 60	86 61	88 62	91 63	91 63	89 60	88 61	85 59	80.9 55.4	
ROCK MILLS	MAX MIN	80 43	77 52	78 53	67 50	75 43	78 48	86 59	72 65	78 64	83 50	81 43	81 53	82 58	82 49	77 42	71 44	76 45	82 59	80 60	88 53	90 58	91 61	87 63	87 63	91 62	93 62	94 62	90 60	87 63	86 61	82.7 54.9	
PAIRIE 06																																	
DAYTON 1 N	MAX MIN	82 59	75 51	73 52	74 55	71 41	81 51	75 63	76 59	83 65	82 55	84 52	85 50	80 55	77 52	79 54	78 51	84 55	84 57	90 61	88 60	92 62	90 66	88 68	90 65	90 64	92 65	94 67	93 67	90 67	87 67	88 65	83.7 58.7
DEMOPOLIS LOCK AND DAM	MAX MIN	82 60	75 58	75 55	66 54	65 46	77 46	82 58	71 65	81 65	81 53	81 53	82 55	83 61	79 56	78 52	77 55	76 52	70 57	81 62	87 58	88 64	90 65	90 67	87 65	89 64	90 67	92 68	92 68	88 67	87 68	86 67	81.5 59.6
GAINESVILLE	MAX MIN	83 61	75 54	74 54	65 54	63 47	76 51	81 57	71 65	76 63	81 55	80 54	80 56	85 60	78 53	79 55	76 52	70 54	72 58	78 63	87 65	89 67	90 69	90 68	88 65	90 65	90 68	93 69	93 68	88 67	89 67	84 67	81.3 60.4
GREENSBORO	MAX MIN	76 61	77 50	67 54	65 58	77 46	83 55	69 64	76 65	83 61	82 51	82 49	84 61	80 61	79 52	79 52	79 50	76 55	84 60	89 64	91 61	92 63	91 65	89 61	93 64	94 68	94 64	90 69	88 67	86 66	90 65	83.1 59.5	
HAYNEVILLE	MAX MIN	77 54	83 61	76 61	70 62	70 54	71 55	80 56	84 65	84 68	83 57	83 59	83 60	84 59	83 58	78 55	83 55	78 58	78 80	83 63	85 65	88 68	92 68	91 68	89 68	89 70	90 70	92 70	90 70	88 70	89 68	83.4 62.9	
LIVINGSTON 2 SW	MAX MIN	81 54	76 54	80 55	73 51	76 51	79 48	82 54	80 55	84 63	84 49	83 50	83 49	84 54	80 50	85 51	79 48	77 55	84 50	89 51	92 51	93 58	90 60	88 60	90 62	90 62	88 63	95 66	95 66	87 65	90 63	87 63	84.9 57.0
MARION JUNCTION 2 NE	MAX MIN	83 55	72 58	76 55	64 50	65 48	75 48	81 56	71 65	81 65	80 54	81 52	80 53	83 62	79 55	77 55	77 51	77 47	75 56	84 61	86 62	88 68	90 63	89 63	88 65	90 66	91 66	93 66	92 66	91 65	85 69	82 66	81.4 58.9
MINTER 3 NW	MAX MIN	85 63	74 64	76 62	66 58	70 52	79 57	83 66	76 65	87 65	82 54	80 54	83 58	86 62	81 53	78 54	78 55	74 56	78 62	87 66	87 62	90 63	91 66	90 66	88 67	91 68	92 67	94 67	92 67	91 68	87 64	83.5 60.3	
MONTGOMERY WSO AP	MAX MIN	72 63	76 64	67 62	72 58	76 52	83 57	72 66	86 68	82 64	80 56	81 55	83 53	79 58	77 56	77 54	76 56	84 62	86 59	87 66	89 63	89 66	87 70	88 67	88 68	91 68	91 68	88 66	87 70	86 69	89 67	82.1 62.7	
SELMA	MAX MIN	83 70	78 61	77 59	68 62	77 51	86 65	86 83	83 60	81 67	84 56	83 53	84 62	82 66	80 57	80 55	79 53	79 57	87 65	91 60	92 63	92 65	91 68	89 68	90 66	90 67	90 66	96 70	92 69	90 70	86 61	84.9 63.1	
UNION SPRINGS 4 S	MAX MIN	82 57	70 59	77 60	71 58	74 50	78 48	86 54	85 54	86 66	82 55	81 50	83 52	82 58	80 55	77 52	78 49	77 50	79 57	87 59	86 60	89 60	90 62	91 66	90 64	90 66	91 66	94 65	91 63	90 62	89 65	83 63	83.7 58.3
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX MIN	83 60	78 60	78 62	70 61	75 44	81 45	81 76	76 65	82 65	83 48	88 47	85 47	85 58	82 47	80 47	81 53	71 55	82 56	88 58	89 57	89 55											84.3 56.0
ATHORE	MAX MIN	86 62	80 62	78 65	68 62	72 50	82 60	80 64	77 69	85 68	82 55	85 58	85 61	84 66	84 56	82 55	86 58	73 58	82 62	88 65	89 67	91 65	92 67	89 64	91 66	91 66	92 66	92 66	93 67	93 67	91 67	91 65	84.9 63.1
BEATRICE 1 E	MAX MIN	74 59	76 62	69 61	70 64	79 61	81 63	78 63	81 65	83 69	83 63	84 60	83 62	83 63	82 60	79 59	77 63	78 54	79 58														82.0 63.7
BAANTLEY	MAX MIN	85 52	73 60	71 68	70 61	77 46	80 50	84 61	82 68	87 66	84 50	83 50	86 54	84 61	82 49	81 48	81 55	76 56	83 57	89 62	90 58	90 57											

# DAILY TEMPERATURES

ALABAMA  
MAY 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	81 63	70 59	76 60	70 58	76 50	77 55	85 61	81 66	78 66	79 55	80 58	81 59	81 62	79 53	79 53	75 51	75 56	77 57	83 64	84 62	85 63	86 64	88 66	87 65	88 66	89 66	92 66	88 67	89 67	87 67	89 63	81.8 60.9
ENTERPRISE 5 NNW	MAX MIN	81 60	75 61	77 63	70 63	76 53	80 51	81 61	73 66	84 67	82 58	82 59	83 59	83 59	81 55	79 55	79 56	72 57	80 61	87 65	87 65	88 63	90 68	91 69	90 68	90 68	91 67	93 69	92 65	91 68	92 70	91 66	83.6 62.6
EUFULA WILDLIFE REF	MAX MIN	82 50	69 56	79 62	71 59	79 47	79 51	85 60	87 62	85 68	81 50	82 49	84 56	82 65	80 48	78 46	80 45	76 56	77 57	88 62	86 60	88 60	91 58	91 65	89 62	92 64	92 64	95 64	93 63	91 63	86 69	90 62	84.1 58.4
EVERGREEN	MAX MIN	82 60	71 61	75 62	65 63	72 46	79 50	79 63	75 66	86 65	82 52	83 52	83 58	85 63	81 49	80 51	82 55	72 57	80 58	86 62	88 61	89 60	91 65	91 66	88 64	90 63	91 66	95 67	92 65	92 68	90 66	91 63	83.4 60.2
FRISCO CITY	MAX MIN	81 58	73 60	76 61	67 60	68 49	78 51	79 61	73 63	83 58	85 60	82 57	83 62	85 60	81 54	80 55	81 55	70 59	80 61	86 64	86 65	88 64	90 68	89 67	89 67	86 66	89 66	89 68	90 69	92 69	90 69	89 66	82.5 61.8
GENEVA 2	MAX MIN	82 64	80 62	79 65	71 64	79 51	82 56	82 64	76 69	86 71	79 64	83 69	83 71	83 63	82 54	80 53	81 56	72 57	81 62	88 64	89 63	88 65	90 67	90 68	90 65	91 66	93 66	95 66	92 66	91 64	91 68	84.5 62.4	
GILBERTOWN	MAX MIN	78 62	76 60	73 60	69 57	81 43	80 53	70 64	83 68	88 55	85 49	84 52	84 62	82 61	80 49	84 52	77 57	76 60	85 60	88 62	91 64	92 62	89 65	87 67	90 63	91 62	94 65	94 68	90 67	89 64	91 65	92 68	84.3 60.2
GREENVILLE	MAX MIN	83 64	73 59	76 60	69 60	71 46	79 50	81 63	85 65	82 65	80 52	82 49	82 54	84 61	85 52	78 49	78 54	75 59	79 52	86 62	87 58	88 59	90 64	90 67	88 63	89 64	90 66	92 66	96 63	90 68	89 67	87 63	83.4 59.4
HEADLAND	MAX MIN																																
HIGHLAND HOME	MAX MIN	82 62	73 60	77 60	69 59	71 48	80 48	84 59	72 65	85 65	82 55	80 57	84 58	85 60	80 52	78 52	77 50	79 56	86 59	87 60	89 60	91 64	90 64	89 65	90 65	91 65	94 64	91 65	91 67	90 66	80 64	83.1 59.5	
OZARK 6 NNW	MAX MIN	77 61	77 60	75 61	76 59	80 51	81 56	72 59	84 51	82 56	82 57	82 58	82 58	80 73	80 54	79 52	76 55	80 46	88 55	87 65			91 65	88 64	89 67	93 69	94 71	92 65	90 65	90 67	90 69	83.7 61.8	
PITTSVIEW	MAX MIN	82 60	70 55	79 55	70 56	77 45	86 48	74 66	84 65	80 65	80 50	82 45	82 46	82 56	80 54	77 45	76 56	77 47	77 55	86 58	87 55	88 57	89 60	90 62	87 62	89 62	90 63	92 65	88 61	88 66	86 62	80 60	82.7 56.2
THOMASVILLE	MAX MIN	85 61	78 59	75 57	66 57	67 45	80 45	80 64	72 65	84 65	84 52	84 52	84 62	84 60	81 51	81 52	82 54	78 54	75 57	86 61	87 63	90 62	91 64	90 66	88 66	90 64	92 64	94 66	93 70	90 70	88 70	87 70	83.4 60.1
TROY	MAX MIN	75 61	78 60	71 60	74 60	78 50	83 57	71 63	84 67	80 65	81 55	83 56	83 60	79 61	79 53	77 52	77 53	79 58	86 60	86 64	88 63	90 64	91 67	88 68	90 67	91 67	93 69	90 67	91 68	88 67	89 68	90 65	83.3 61.8
WHATLEY	MAX MIN	78 60	75 60	69 59	69 59	68 54	69 51	78 47	82 66	83 55	81 52	82 51	85 49	80 48	83 47	83 49	85 52	84 55	89 51	85 55	90 56	90 59	90 57	91 59	91 60	90 62	95 65	85 60	95 67	94 66	91 65	90 63	83.9 56.7
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	84 62	78 64	77 56	71 56	84 49	83 59	76 67	84 65	85 68	86 58	86 57	84 61	84 73	82 54	87 58	80 63	89 63	89 66	90 67	92 66	93 67	89 64	89 65	92 65	93 68	92 68	92 69	90 70	91 64	90 65	86.1 62.5	
COOEN	MAX MIN	81 67	82 65	81 64	74 63	77 51	74 63	78 70	82 72	81 69	84 55	83 57	81 63	85 73	85 54	85 58	82 62	83 60	83 68	87 68	88 68	86 65	88 66	85 62	85 65	88 63	91 68	88 69	87 70	87 64	87 65	88 63	83.7 64.2
ORUPHIN ISLAND 2	MAX MIN	80 70	82 71	79 67	72 65	71 62	76 68	74 71	76 72	81 72	78 70	80 66	79 72	81 73	83 64	81 67	81 68	79 69	80 65	80 71	83 71	86 73	84 72	88 72	85 73	87 72	88 73	91 76	87 77	87 73	88 74	88 78	81.8 70.7
FAIRHOPE 2 NE	MAX MIN	83 69	82 65	82 65	72 63	71 53	80 52	76 63	79 71	83 72	80 57	83 59	84 60	86 65	84 62	83 63	87 61	80 62	86 66	87 67	86 68	87 65	86 67	89 64	87 63	88 63	89 64	92 66	87 69	88 66	88 67	90 68	84.0 64.0
MOBILE W50 AP	MAX MIN	82 71	80 69	70 64	73 56	83 55	75 64	76 72	82 73	85 66	84 61	83 61	80 66	84 63	82 59	88 61	80 62	81 65	89 70	89 70	89 68	89 69	87 68	88 69	90 68	91 70	92 71	89 72	88 68	89 69	90 70	84.3 66.4	
ROBERTS DALE	MAX MIN	83 64	83 65	83 65	72 64	72 52	82 52	73 62	80 71	83 72	82 56	86 56	84 60	82 65	84 57	82 57	86 62	82 62	84 64	88 67	89 67	92 66	92 66	92 63	90 63	89 64	93 64	94 70	90 70	90 67	89 68	90 68	85.2 63.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
MAY 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1 IN)	MAX	86	72	82	64	77	83	85	71	78	82	82	85	83	83	88	82	88	84	92	95	101	101	99	98	100	97	102	104	102	103	97	88.6
		MIN	64	63	62	62	59	59	63	67	68	61	60	62	63	58	58	59	59	64	68	66	70	70	74	75	75	76	73	73	74	76	73	66.3
	4	MAX	79	72	78	66	68	75	77	69	74	77	77	82	77	79	80	78	84	80	87	88	92	93	94	93	95	93	94	96	94	96	92	83.2
		MIN	63	65	62	63	61	58	61	66	69	66	63	62	64	60	60	62	62	66	66	68	69	71	75	76	76	78	75	75	75	77	76	67.4
BREWTON 3 ENE	(1 IN)	MAX	73	70	74	66	69	71	72	68	72	74	74	76	73	75	75	73	77	73	80	82	85	86	86	87	89	88	88	90	88	89	87	78.4
		MIN	64	65	65	63	61	60	62	66	68	66	64	64	66	63	63	63	62	67	67	68	70	73	75	77	76	79	78	77	77	79	77	68.5
	4	MAX	85	76	78	68	74	83	71	74	79	83	84	89	89	83	86	88	74	81	87	88	91	96	96	94	98	99	98	99	100	99	100	86.8
		MIN	66	69	68	66	59	58	64	67	70	64	64	64	68	64	64	64	65	66	66	69	70	72	74	74	75	76	78	77	77	78	75	68.7
MARION JCT 2NE	(1 IN)	MAX	81	74	78	66	69	78	75	69	74	82	82	77	78	79	80	81	84	87	81	88	90	89	87	87	92	94	93	94	95	84	83	82.3
PITTSVIEW	(1 IN)	MIN	67	68	66	65	60	60	64	68	69	66	66	66	66	63	63	63	64	67	68	70	71	74	75	75	75	76	77	78	78	75	74	68.9
THORSBY EXP STATION	4	MAX	79	70	80	67	76	-	80	71	79	79	81	81	78	80	77	77	80	77	84	84	83	86	88	86	88	86	89	88	88	83	86	81.0
		MIN	65	64	64	65	61	-	61	69	71	65	64	69	67	65	63	62	63	66	67	72	72	72	72	72	72	74	74	75	74	75	72	68.2
	4	MAX	80	77	76	68	77	77	78	70	80	80	80	80	79	77	77	81	83	82	88	87	86	90	88	91	94	92	93	93	91	86	86	82.8
		MIN	68	65	63	63	60	63	68	69	66	63	62	67	66	63	61	62	66	69	69	69	64	63	74	74	75	75	78	77	75	75	72	67.9
WINFIELD 2 SW	(1 IN)	MAX	77	75	72	64	62	72	75	68	71	80	80	76	77	72	76	78	76	84	80	86	89	85	86	83	88	90	89	87	84	81	83	78.9
		MIN	67	60	60	62	56	60	66	67	66	62	62	66	65	60	59	61	62	69	68	69	79	75	72	71	73	75	74	74	72	71	72	66.9
	4	MAX	77	75	72	64	62	72	75	68	71	80	80	76	77	72	76	78	76	84	80	86	89	85	86	83	88	90	89	87	84	81	83	78.9
		MIN	67	60	60	62	56	60	66	67	66	62	62	66	65	60	59	61	62	69	68	69	79	75	72	71	73	75	74	74	72	71	72	66.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
MAY 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE WSO AP		EVAP	.12	.28	.10	.10	.19	.13	.11	-	.35	.23	.15	.19	.57	.34	.19	.14	.18	.26	.25	.25	.16	.16	.04	.14	-	.18	.31	.27	.23	.21	6.238	
		WIND	93	126	89	89	95	52	75	79	69	59	39	78	174	169	74	33	40	42	45	39	44	31	38	40	24	41	28	40	45	41	32	1963
		MAX	75	75	66	71	73	88	81	77	80	90	77	83	77	78	68	75	88	82	96	96	96	93	95	96	98	100	98	98	96	89	88	85.3
		MIN	65	51	53	60	58	57	68	69	68	58	56	65	65	56	56	55	57	68	67	67	73	71	73	73	74	75	72	66	72	73	72	64.9
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.25	.17	.23	.10	.06	.16	.13	-	.30	.30	.20	.31	.36	.28	.21	.15	.19	.10	.19	.20	.18	.22	.15	.24	.18	.18	.14	.26	-	.17	6.218	
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.33	.06	.28	.34	-	-	.26	-	.07	.32	.23	.28	.34	.30	.15	.26	.12	.34	.10	.09	.22	-	-	.26	.26	-	-	-	-	.21	-	
		WIND	59	37	46	87	66	34	29	30	65	39	36	26	94	101	67	60	40	23	24	23	12	30	16	19	24	25	23	19	23	24	16	1211
		MAX	81	73	85	62	78	87	90	70	81	84	85	88	84	84	82	76	85	83	92	97	99	99	97	97	94	92	99	98	97	98	88	87.3
		MIN	57	60	59	56	52	51	58	64	67	60	58	58	57	49	47	51	51	56	64	62	65	66	68	70	69	70	68	66	66	70	66	60.7
MARTIN DAM		EVAP	.14	.10	.10	.21	.10	.20	-	-	-	.32	.10	.24	.20	.24	.14	.36	.14	.18	.16	-	.22	.22	.11	.32	.16	.30	.18	.20	.20	-	6.008	
		WIND	35	40	38	42	27	24	27	23	32	29	26	23	46	38	34	53	32	23	19	35	21	20	28	20	20	24	36	10	32	24	20	901
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.19	.11	.22	.01	.13	.17	.10	-	.11	.22	.28	.15	.14	.29	.40	.29	.25	.03	.22	.29	.23	.25	.18	.21	.22	.14	.28	.30	.35	.31	.03	6.308
		WIND	67	50	70	66	60	23	55	33	46	33	21	46	94	100	92	72	56	27	10	20	7	15	20	18	20	9	10	23	45	35	5	1248
		MAX	88	81	86	62	60	89	85	70	78	92	91	85	85	84	84	88	91	75	88	98	101	103	104	97	100	101	106	105	97	96	95	89.2
		MIN	61	62	58	56	53	53	61	67	67	64	64	63	64	58	55	57	57	60	61	67	68	72	72	71	71	70	71	71	70	70	71	64.0
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.17	.17	.14	-	.24	.19	.07	.01	.09	-	.35	.21	.13	.46	.26	.28	.23	-	.20	.21	.26	.22	.26	.25	.25	.27	-	.16	.23	.20	.26	6.628
		WIND	15	27	26	33	45	24	48	15	19	14	17	13	31	75	39	38	25	14	14	24	19	15	19	17	16	24	14	15	7	14	13	729
		MAX	96	92	89	69	84	93	76	79	88	86	94	95	90	92	90	95	94	88	100	98	99	100	100	99	103	99	95	97	102	96	103	92.9
		MIN	66	70	69	64	59	58	65	70	72	67	66	66	67	59	61	61	62	66	67	72	71	73	69	69	70	69	72	72	73	72	72	67.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA

MAY

1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADOLSON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R ORAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		H	RADIO STATION WAIM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTAUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452					VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A			ROBERT L WHEELER
8RANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
8REWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
8REWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
8ROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
8RUNOTIGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMOEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARSON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	8188	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEE
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470					JAMES E EOLSON
CORODVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730					RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275					M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	OE KALB	7	34 27	85 43	934					CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOSY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
MAY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WG5V
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EODIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MODRER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MID	MID	MID	HJ	NATL WEATHER SERVICE
HURTSBORD	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A			MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEDS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBUDR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A			MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	OALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W D (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495					ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MID	MID		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FFA AP	5749	01	COLBERT	12	34 45	87 37	540	MID	MID		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHD
OZARK 6 NNW	6218	07	OALE	5	31 32	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAJA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6905	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MID		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIMORE
SCOTTSDORD	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	OALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
MAY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAOISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW NEW STATIONS	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT

SEE REFERENCE NOTES FOLLOWING STATION INDEX



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:		Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	:	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	:	Smithdale fine sandy loam	Bare	0-2%
Headland	:	Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	:	Sumter Clay	Bare	3-5%
Pittsview	:	Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station	:	Fine Loamy	Bare	0-2%
Winfield 2 SW	:	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- || Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

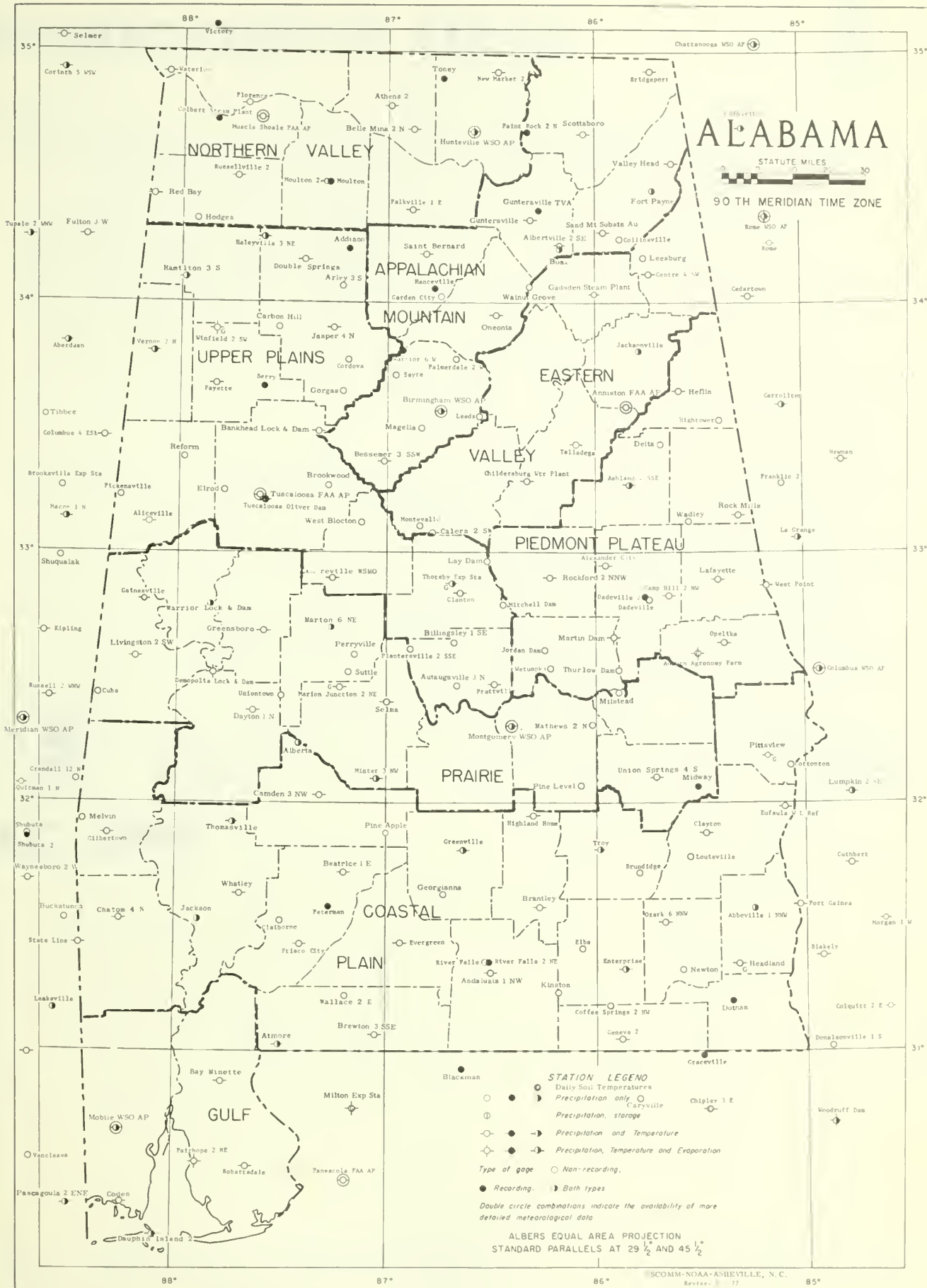
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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COM 210



**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: EUFAULA WILDLIFE REF 104 DATE 30  
LOWEST TEMPERATURE: VALLEY HEAD 47 DATE 14  
GREATEST TOTAL PRECIPITATION: ROBERTS DALE 12.94  
LEAST TOTAL PRECIPITATION: WADLEY 1.32  
GREATEST 1 DAY PRECIPITATION: CHATOM 4 N 5.85 DATE 08

AUG 28 1978

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET		
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL					
							CENTRAL															
							00	06	12	18												
BIRMINGHAM WSO AP	7	1.5	5.7	21	5	06	83	85	59	63	0	2	1	3	2	0	8	68	5.6			
HUNTSVILLE WSO AP	11	0.3	6.0	24++	33	23	84	86	55	61	2	2	2	0	2	0	8	-	5.7			
MOBILE WSO AP	10	0.9	6.4	20++	13	30	87	89	59	69	2	5	3	4	2	0	16	-	5.9			
MONTGOMERY WSO AP	23	0.3	4.8	23	5W	07	80	84	53	56	1	4	3	1	2	0	11	78	4.8			

CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*DIRECTOR  
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND  
INFORMATION SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JUNE

1978

STATION			TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
												MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1-D OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
												30° OR WARMER	37° OR BELOW	32° OR WARMER	40° OR BELOW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

JUNE

1978

STATION	TEMPERATURE											PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW - SLEET			NO. OF DAYS		
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	5.0 OR MORE	1.00 OR MORE
										30° OR ABOVE	32° OR BELOW	34° OR BELOW	36° OR BELOW										
SELMA UNION SPRINGS 4 S	91.1 90.3	70.6 67.9	80.9 79.1	1.0 .6	101 101	29 30	65 58	19 14	0 0	17 17	0 0	0 0	0 0	6.04 2.67	2.02 - 1.48	2.55 1.20	9 9	.0 .0	0 0		7 5	4 2	2 1
DIVISION			79.6	.6										4.38	.50			.0					
COASTAL PLAIN 07																							
ANDALUSIA 1 NW	90.3	63.9	77.1	- 2.4	99	30	54	14	0	16	0	0	0	9.28	4.70	2.83	9	.0	0		10	6	4
ATMORE	90.5	70.2	80.4		99	30	63	14	0	21	0	0	0	8.98		3.80	8	.0	0		10	5	2
BEATRICE 1 E	90.8	71.4	81.1		99	29	66	14	0	20	0	0	0	8.24	4.16	2.90	4	.0	0		7	4	4
BRANTLEY	91.8M	67.1M	79.5M		102	30	55	14	0	0	0	0	0	4.82	.37	2.01	9	.0	0		7	4	1
BREWTON 3 ENE	91.3	68.7	80.0		99	30+	62	19	0	23	0	0	0	9.58		4.13	9	.0	0		9	4	3
BREWTON 3 SSE	93.3	66.1	79.7	1.1	102	29	57	14	0	25	0	0	0	8.41	2.91	3.68	9	.0	0		7	5	3
CAMDEN 3 NW	90.7	68.3	79.5		100	30	60	19+	0	20	0	0	0	8.11		4.25	3	.0	0		4	4	2
CHATON 4 N	91.7	68.7	80.2		100	29	61	14	0	25	0	0	0	8.10		5.85	8	.0	0		5	2	2
CLAYTON	87.9	68.3	78.1		100	30	60	14	0	9	0	0	0	2.07	- 2.08	1.05	9	.0	0		5	1	1
ENTERPRISE 5 NNW	89.0	69.5M	79.3M		101	30	61	14	0	12	0	0	0	7.40		1.59	9	.0	0		7	6	4
EUFULA WILDLIFE REF	91.9	66.7	79.3	.0	104	30	56	14	0	20	0	0	0	2.74	- 2.00	.97	9	.0	0		6	2	0
EVERGREEN	90.0	68.9	79.5	.8	100	30	61	14	0	18	0	0	0	8.09	3.02	2.47	9	.0	0		8	5	4
FRISCO CITY	90.1	68.9	79.5		100	30	62	14	0	15	0	0	0	9.94	4.88	3.80	4	.0	0		8	7	4
GENEVA 2	90.5	69.4	80.0		100	30	62	14	0	16	0	0	0	4.56		1.52	3	.0	0		9	3	2
GILBERTOWN	92.0	66.7	79.4		101	29	59	14	0	22	0	0	0	3.36		1.40	1	.0	0		3	3	2
GREENVILLE	89.4	67.5	78.5	- .7	97	30	59	14	0	16	0	0	0	8.39	4.19	1.96	2	.0	0		9	7	4
HEADLAND	89.5	69.5	79.5		100	30	61	14	0	16	0	0	0	4.34		1.26	4	.0	0		8	3	2
HIGHLAND HOME	89.7	66.7	78.2	- .3	100	30	58	14	0	16	0	0	0	5.32	.67	1.91	9	.0	0		6	4	2
OZARK 6 NNW	90.9	69.0	80.0	.7	103	29	61	14	0	14	0	0	0	6.38	1.78	2.00	3	.0	0		8	4	2
PITTSVIEW	89.5	64.1	76.8		102	30	55	14	0	11	0	0	0	3.23		1.32	4	.0	0		4	2	1
THOMASVILLE	90.8	65.4	78.1	- .7	99	30+	55	14	0	20	0	0	0	4.11	.48	1.34	8	.0	0		5	3	3
TROY	89.6	69.0	79.3	.4	100	29	60	14	0	13	0	0	0	4.15	.62	1.83	9	.0	0		7	2	2
WHITLEY	92.9	67.2	80.1		101	29	58	15	0	28	0	0	0	7.00	2.87	3.50	8	.0	0		5	4	2
DIVISION			79.3	.3										6.37	1.67			.0					
GULF 08																							
BAY MINETTE 3 NNW	91.3	69.1	80.2	.4	99	29	64	19+	0	22	0	0	0	10.32	4.48	4.95	8	.0	0		10	3	2
COOEN	88.7	70.4	79.6		95	29+	65	15+	0	11	0	0	0	10.22		4.13	4	.0	0		8	6	5
DAUPHIN ISLAND 2	88.3	76.2	82.3		96	30	72	30+	0	9	0	0	0	7.79		3.04	3	.0	0		8	5	2
FAIRHOPE 2 NE	89.4	70.6	80.0	.0	96	29	66	14	0	13	0	0	0	12.32	5.68	5.37	9	.0	0		8	6	4
MOBILE WSO AP	89.6	72.8	81.2	.9	97	24+	67	14	0	11	0	0	0	6.13	.04	1.55	10	.0	0		9	6	2
ROBERTS LAKE	90.0M	70.3M	80.2M	1.1	98	30+	64	15+	0	16	0	0	0	12.94	5.91	3.91	9	.0	0		11	9	6
DIVISION			80.6	.5										9.95	3.89			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
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## DAILY TEMPERATURES

ALABAMA

1978

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																		
ATHENS 2	MAX 89	90		85	86	86	92	78	80	78	82	89	90	82	80	85	89	89	84	88	85	89			90	93	94	94	96	97		87.4		
	MIN 60	63		60	58	65	68	63	63	53	53	69	60	53	52	68	63	65	62	67	65	64	64			70	72	72	69	74	68		63.4	
BELLE MINA 2 N	MAX 89	90	79	82	86	86	90	79	80	77	84	89	88	83	81	87	88	88	91	83	88	85	89	88	90	94	94	95	97	97		87.1		
	MIN 62	63	67	61	59	60	67	66	65	57	60	67	64	56	56	58	65	64	67	66	67	67	66	67	68	72	73	71	73	70		64.8		
FALKVILLE 1 E	MAX 88	90	81	81	84	86	89	79	80	80	85	90	91	82	85	87	90	88	90	87	90	89	91	91	93	96	97	96	98	98		88.4		
	MIN 60	64	65	59	58	62	68	68	65	57	58	69	65	55	54	62	67	65	65	64	66			93	96	97	96	98	98		64.3			
HUNTSVILLE WSO AP	MAX 88	79	81	84	86	89	78	80	79	83	87	88	82	82	85	86	87	89	85	88	87	89	90	92	94	96	95	98	97	95		87.3		
	MIN 64	66	67	64	60	67	68	70	65	59	66	70	66	61	57	68	66	68	69	68	71	68	69	67	70	73	75	73	73	71		67.3		
MOULTON 2	MAX 91	87	82	85	87	90	82	82	80	85	90	90	83	81	88	87	88	90	85	89	88	88	90	91	94	95	96	98	98	97		88.6		
	MIN 64	66	67	60	60	65	67	68	65	56	63	71	62	55	54	69	67	67	68	65	68	67	65	69	70	74	74	71	75	71		66.1		
MUSCLE SHOALS FRA AP	MAX 91	82	83	87	89	93	75	89	77	85	90	91	83	82	90	91	90	87	86	87	87	89	89	91	94	96	96	98	99	97		88.8		
	MIN 65	69	66	64	60	66	65	66	63	56	63	70	66	59	56	71	67	68	74	75	73			94	96	96	98	99	97		67.4			
RED BAY	MAX 91	86	84	89	87	90		88	89	92	90	92	89	87	89	89	88	91	86	85	86	90	92	94	94	95	96	98	99	98		90.5		
	MIN 64	62	66	62	65	71	74	68	66	65	63	71	64	57	58	71	70	69	68	65	69	68	70	72	71	73	74	74	78	76		68.1		
RUSSELLVILLE 2	MAX 87	88		83	85		87	71	81	76	81	87	88	80	80	86	88	86	87	82	87	85	87	89	89	92	93	92	94	95		95.9		
	MIN 58	60		57	57		63	67	64	50	51	58	60	55	51	52	65	65	66	60	60	64	62	62	62	69	70	68	71	68		61.3		
APPALACHIAN MOUNTAINS 02																																		
BESSMER 3 WSW	MAX 92	81	85	88	89	98	86	81	84	88	93	87	86	86	88	89	90	90	88	92	92	93	94	94	96	98	98	99	101	102		90.9		
	MIN 60	66	68	63	63	65	70	68	65	61	62	68	65	55	63	64	64	64	63	66	68	68	69	68	70	70	68	71	75	75		66.2		
BIRMINGHAM WSO AP	MAX 86	78	80	83	84	85	84	80	81	85	86	85	83	83	85	86	87	86	85	85	89	90	90	92	94	94	95	97	99	97		87.1		
	MIN 62	66	68	62	62	65	71	70	65	61	66	71	62	56	66	71	67	68	65	66	68	68	69	69	70	74	70	72	73	70		67.1		
GUNTERSVILLE	MAX																																	
	MIN																																	
ONEONTA	MAX 88	90	84	81	85	86	89	85	78	82	88	90	85	83	83	85	89	89	90	88	89	87	90	91	93	95	96	96	96	97		88.3		
	MIN 59	60	64	61	59	59	64	68	67	58	59	64	56	54	53	58	64	62	64	64	65	67	66	66	66	66	70	69	70	68		63.3		
SAINT BERNARD	MAX 90	83	61	85	90	90	79	80	80	81	92	89	83	81	88	89	90	88	90	89	88	88	90	93	95	95	96	99	100	100		88.7		
	MIN 59	61	65	62	60	62	63	65	66	62	62	63	67	57	55	59	60	64	64	67	68	66	67	68	68	69	65	71	73	74		64.2		
SAND MT SUBSTA AU	MAX 86	88	83	78	83	85	87	82	76	79	84	87	87	81	81	85	85	86	86	85	85	85	88	88	88	88	92	93	93	97	96		86.0	
	MIN 61	64	66	58	61	65	69	69	68	59	61	70	66	54	62	66	67	68	66	67	72	66	66	67	68	72	69	70	72	68		65.9		
SCOTTSBORO	MAX 90	92	84	84	85	88	91	83	71	79	87	90	89	90	83	87	87	88	89	87	90	91	91	95	96	96	98	100	100	96		89.2		
	MIN 59	59	57	57	55	61	63	67	67	54	55	64	54	54	51	58	60	62	65	60	68	63	66	65	69	67	71	72	65	68		61.9		
VALLEY HEAD	MAX 85	87	84	77	81	83	87	86	75	78	83	87	86	78	78	82	83	83	85	83	85	85	87	86	88	91	92	93	94	94		84.9		
	MIN 54	58	64	58	54	58	64	68	66	52	56	68	65	47	50	56	59	60	62	64	64	61	60	63	64	67	66	66	67	66		60.9		
UPPER PLAINS 03																																		
ALICEVILLE	MAX 90	93	80	85	88	90	90	85	84	82	86	91	91	88	86	90	91	92	92	83	90	92	91	93	98	97	97	96	98	100		90.3		
	MIN 62	67	67	62	63	63	69	70	63	57	64	69	69	59	63	67	66	68	67	66	69	66	70	70	73	71	71	74	74	74		67.1		
BANKHEAD LOCK AND DAM	MAX 90	94	82	84	89	94	91	87	79	84	91	94	92	89	89	90	91	93	92	88	92	94	94	95	95	95	96	96	97	101		91.3		
	MIN 65	65	68	65	66	66	69	70	65	60	64	68	69	59	62	65	68	67	67	70	69	71	72	72	74	73	74	74	75	74		68.2		
CENTREVILLE WSMO	MAX 89	91	82	85	87	89	89	83	80	84	87	90	86	85	84	86	88	89	87	88	88	92	92	93	94	96	97	95	97	98		89.0		
	MIN 62	65	67	65	64	66	67	69	67	63	63	68	70	57	59	63	66	66	64	67	67	67	69	69	70	71	68	71	78	72		66.7		
CLANTON	MAX 90	91	85	88	89	88	91	90	76	85	89	89	88	88	86	87	87	88	87	87	89	91	93	94	95	97	95	95	97	100		89.8		
	MIN 59	63	65	62	63	64	68	69	65	60	63	65	66	54	58	64	65	63	60	65	65	66	66	67	67	69	67	69	73	69		64.6		
DOUBLE SPRINGS	MAX 87	90	75	80	84	86	88	82	80	79	84	89	90	82	81	87	86	87	88	85	89	85	88	90	92	94	94	95	96	97		87.0		
	MIN 63	63	62	60	60	64	67	64	65	55	60	68	62	55	55	58	65	66	65	64	64	65	65	65	66	69	69	69	74	70		63.9		
FAYETTE	MAX 91	86	78	87	87	89	88		88	81	87	89	94	86	86	90	89	90	92	88	93	91	94	95	99	98	98	98	101	100		90.9		
	MIN 61	59	62	63	61	62	66	70	65	57	57	62	65	54	58	70	68	72	65	64	70	69	67	68	69	72	73	71	71	73		65.5		
HALEYVILLE 3 NE	MAX 87	84	79	84	85	87	81	82	81	84	88	89	88	80	86	86	87	88	88	87	85	88	89	90	92	92	93	95	95	94		87.1		
	MIN 62	65	63	60	60	63	66	67	63	55	63	67	60	56	56	66	64	65	65	63	65	65	62	66	68	70	70	71	74	C2		64.3		
HAMILTON 3 S	MAX 90	91	82	82	86	88	89	82	84	79	86	89	90	84	83	89	90	89	90	85	90	88	92	91	92	95	95	96	98	98		88.8		
	MIN 59	59	62	57	57	57	60	67	63	53	53	57	60	51	51	51	62	62	63	60	60	64	62	62	68	68	69	71	71	70		61.0		
JASPER 4 N	MAX 89	82	82	84	86	90	87																											

# DAILY TEMPERATURES

ALABAMA  
JUNE 1978

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
CALEBA 2 SW	MAX MIN	89 65	90 59	85 70	88 61	89 62	88 63	85 69	77 69	88 62	88 59	89 63	86 66	86 68	88 52	88 52	88 70	88 60	91 64	88 61	88 67	90 66	91 75	92 66	92 63	96 66	94 65	95 66	101 64	100 68	97 68	89.8 64.3		
CENTRE 4 SW	MAX MIN	89 59	92 63	86 65	82 61	87 59	88 63	90 56	87 67	76 66	83 59	87 61	89 68	88 64	83 53	81 59	84 62	86 61	86 63	88 65	87 66	90 68	89 67	91 65	92 67	93 68	94 70	83 69	95 71	97 72	96 69	88.0 64.2		
CHILDERSBURG WTR PLANT	MAX MIN	91 61	90 66	84 70	86 62	88 64	91 64	89 70	79 69	85 69	88 61	90 65	86 67	85 67	85 55	87 60	88 68	89 64	89 64	90 68	90 63	90 58	91 68	93 63	93 58	95 68	97 69	97 68	96 71	98 74	98 70	89.9 66.0		
CAOSON STEAM PLANT	MAX MIN	87 64	89 64	85 67	81 65	85 62	85 63	89 66	85 69	75 68	82 59	87 61	90 70	87 67	81 58	85 59	87 61	87 63	87 65	88 67	88 67	90 67	91 70	91 67	91 69	92 71	95 72	95 72	94 73	96 76	94 72	87.6 66.5		
TALLADEGA	MAX MIN	92 69	90 58	85 65	88 60	88 66	90 58	90 69	88 63	88 63	89 60	88 59	89 59	88 60	88 58	88 50	89 60	85 58	88 62	92 60	89 59	90 60	93 59	92 59	96 66	96 68	95 66	96 66	98 67	98 69	98 65	90.8 62.5		
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	89 63	90 65	85 68	86 64	88 63	90 65	89 68	89 70	76 70	86 63	90 66	90 67	86 68	85 57	87 61	87 67	88 65	89 65	89 64	90 65	90 66	92 68	93 68	94 69	95 70	95 72	97 68	97 72	98 75	100 73	90.0 66.8		
ASHLAND 2 SSE	MAX MIN	85 60	87 61	84 63	83 63	85 60	85 62	88 63	85 67	74 68	82 62	86 63	86 65	84 66	81 58	83 60	83 61	85 60	85 61	85 62	86 63	86 63	88 64	89 67	89 67	89 67	89 67	93 71	93 66	94 71	94 70	86.2 63.7		
AUBURN AGRONOMY FARM	MAX MIN	90 64	91 64	87 72	87 70	91 69	89 66	90 68	90 68	75 70	90 70	92 73	90 69	86 68	87 61	86 66	84 68	88 68	88 67	88 63	88 67	90 67	90 68	95 74	95 74	95 68	95 72	95 72	99 72	99 69	101 78	90.0 68.7		
MEFLIN	MAX MIN	89 57	90 60	82 61	83 63	84 60	84 60	88 60	84 65	76 68	82 57	88 60	88 68	88 67	87 58	85 60	85 64	88 58	87 60	87 64	88 63	88 64	88 65	91 64	91 65	90 63	95 68	96 68	96 69	98 71	97 73	88.1 63.2		
LAFAYETTE	MAX MIN	91 61	89 65	87 69	91 65	90 63	90 66	88 69	79 71	89 70	90 68	90 68	88 69	87 68	87 57	88 64	90 66	89 65	88 64	90 62	92 65	95 66	94 67	94 68	94 68	95 69	97 71	95 72	99 72	100 76	99 70	91.2 66.7		
MARTIN DAM	MAX MIN	87 61	89 62	84 69	85 68	87 62	87 64	90 67	90 69	75 69	88 68	89 67	88 65	88 65	84 64	85 64	86 68	87 62	87 61	89 61	89 62	90 64	90 66	91 66	91 66	92 68	94 69	96 68	94 67	95 75	96 75	88.7 66.1		
OPELIKA	MAX MIN	89 58	91 64	86 58	88 59	88 58	88 58	89 63	88 58	79 58	87 63	89 65	89 63	84 63	87 56	87 60	87 60	86 60	88 61	88 61	90 66	91 66	92 66	92 66	93 66	94 66	93 66	98 66	98 67	101 72	89.4 62.9			
ROCKFORD 2 NW	MAX MIN	88 52	88 61	89 61	85 59	87 59	89 61	89 64	87 66	75 64	84 61	87 61	89 61	86 63	86 50	86 54	86 60	86 60	86 61	87 58	87 59	89 61	90 62	92 63	93 65	92 67	96 61	94 63	95 67	99 63	88.8 61.3			
ROCK MILLS	MAX MIN	92 59	94 61	89 63	88 59	88 52	90 62	90 65	77 68	88 68	88 61	92 64	90 64	89 67	86 58	87 61	88 63	88 58	88 58	90 63	92 63	92 63	93 66	96 64	96 66	98 65	96 65	98 65	101 65	97 72	91.2 63.7			
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	90 70	78 65	84 70	87 65	90 65	90 70	89 69	89 71	83 68	88 63	88 68	88 70	90 68	90 58	90 56	89 69	90 66	89 65	90 65	90 68	93 69	92 70	95 69	95 70	98 71	92 68	97 75	97 77	99 75	90.3 68.0			
DEMOPOLIS LOCK AND DAM	MAX MIN	90 66	91 66	84 68	85 65	87 64	89 65	88 67	87 67	83 68	83 67	88 68	88 67	87 71	86 60	82 62	89 64	89 66	90 66	89 67	88 67	91 68	90 68	93 68	93 68	94 70	96 72	95 69	99 69	94 75	89.6 67.2			
GAINESVILLE	MAX MIN	89 68	90 68	82 69	85 65	87 66	89 68	89 68	86 71	83 68	83 67	86 68	90 67	88 70	88 59	85 61	89 65	89 67	90 67	90 69	90 69	92 68	90 68	93 70	93 70	94 74	95 73	95 74	96 73	98 76	89.4 68.7			
GREENSBORO	MAX MIN	91 67	85 66	88 70	88 65	89 66	90 67	89 70	83 70	84 66	89 63	92 67	89 72	89 70	87 59	92 64	91 71	91 68	92 66	92 66	94 68	94 68	94 70	94 70	95 72	97 73	97 69	99 76	100 79	99 72	91.5 68.6			
HAYNEVILLE	MAX MIN	90 71	93 60	82 69	87 69	85 68	85 70	83 71	83 71	88 72	88 72	87 73	87 73	85 73	86 73	88 69	89 68	90 68	89 68	89 68	89 70	92 72	94 72	95 73	95 73	98 74	97 73	98 73	98 74	101 75	90.1 71.3			
LIVINGSTON 2 SW	MAX MIN	90 65	92 60	83 66	90 70	90 66	90 66	88 67	80 69	86 66	87 64	85 62	91 62	91 67	86 62	91 62	88 67	90 66	93 66	92 65	91 66	93 66	94 71	93 71	96 71	100 69	95 71	101 74	98 69	101 73	102 72	91.6 67.7		
MARION JUNCTION 2 NE	MAX MIN	88 65	88 65	85 65	88 65	88 63	89 63	89 69	88 71	88 67	84 63	88 64	89 64	85 72	87 60	85 60	88 67	88 68	88 66	87 64	87 64	89 69	93 70	93 66	94 72	95 72	96 72	98 70	99 76	99 74	89.4 67.3			
MINTER 3 NW	MAX MIN							90 70	89 69	88 66	88 66	89 68	91 67	86 68	82 61	87 64	89 69	89 67	89 67	87 63	90 66	90 66	95 68	94 69	95 69	97 72	97 72	99 72	95 73	100 78	100 73	91.7 68.8		
MONTGOMERY WSO AP	MAX MIN	90 67	82 67	82 71	86 69	88 68	90 73	89 72	78 71	86 69	89 68	90 72	85 72	88 67	87 59	89 71	87 71	88 67	87 67	87 65	89 69	90 69	92 71	93 72	95 73	96 73	97 73	95 72	98 77	99 77	97 75	89.9 70.1		
SELMA	MAX MIN	90 67	83 67	87 71	90 68	90 68	90 68	88 70	81 72	86 68	88 68	92 69	89 71	89 72	88 67	87 67	89 73	88 68	89 69	89 65	89 72	91 70	93 73	94 73	95 74	96 75	98 74	99 78	101 78	99 75	91.1 70.6			
UNION SPRINGS 4 S	MAX MIN	89 63	91 65	85 65	83 67	86 64	90 66	90 69	90 69	77 69	88 66	90 67	89 69	87 69	89 58	89 68	90 65	90 68	86 69	87 69	89 69	90 67	95 68	94 70	96 71	97 72	95 69	97 70	99 76	101 71	90.3 67.9			
COASTAL PLAIN 07																																		
ANOLUSIA 1 NW	MAX MIN	90 62	90 67	85 64	85 63	88 62	90 64	88 64	91 66	78 65	88 66	91 66	91 67	86 66	89 54	88 55	89 65	89 65	89 62	87 59	89 60	90 60	91 62	93 64	95 67	95 65	96 68	95 69	98 69	99 70	90.3 63.9			
ATMORE	MAX MIN	92 68	91 68	86 68	85 69	86 68	90 72	90 70	76 69	89 68	89 68	88 72	90 68	90 67	90 63	87 68	90 69	89 69	90 69	86 66	90 69	93 72	94 72	96 74	95 73	97 74	95 73	99 74	99 73	99 72	90.5 70.2			
BEATRICE 1 E	MAX MIN	90 68	90 70	85 67	89 68	91 67	89 69	92 71	86 72	79 69	91 70	90 69	87 69	88 70	86 66	87 70	89 71	89 70	90 71	90 72	91 73	93 72	93 72	94 72	95 75	96 76	96 75	98 78	99 78	98 77	90.8 71.4			
BRANTLEY	MAX MIN	93 64	94 65	83 65	86 69	89 68	90 68	90 66	91 66	77 68	91 65	91 65	92 68	88 65	89 55	90 62	90 60			90 60	90 61	93 63	95 65	96 67	97 68	98 68	97 68	100 71	102 68	91.8 67.1				
BREWTON 3 ENE	MAX MIN	91 66	93 67	85 69	85 70	88 67	91 69	90 69	90 72	77 68	90 68	92 68	91 72	90 65	89 63	88 65	91 70	90 69	90 67	88 62	90 66	93 70	94 70	95 71	96 71	98 72	96 72	99 71	99 72	99 71	91.3 68.7			
BREWTON 3 SSE	MAX MIN	93 63	88 63	85 69	89 67	84 64	92 67	91 65	84 70	90 65	91 66	93 69	91 69	91 63	89 57	92 62	91 66	93 63	92 60	92 61	94 63	96 66	98 69	98 70	100 69	96 72	99 70	101 71	102 71	98 70	93.3 66.1			
CAMDEN 3 NW	MAX MIN	91 74																																

# DAILY TEMPERATURES

ALABAMA  
JUNE

1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	86 67	89 66	85 66	77 67	84 67	85 68	87 68	87 71	76 67	83 67	88 70	86 69	85 67	86 60	86 68	86 67	85 64	86 65	85 67	87 68	88 66	90 69	92 70	94 71	94 73	95 72	93 69	94 75	98 77	100 68	87.9 68.3	
ENTERPRISE 5 NNW	MAX MIN	90 69	90 66	84 69	81 69	87 68	89 72	89 70	89 72	78 69	86 68	85 68	82 67	89 68	81 61	84 61	88 61	93 61	86 61	85 67	87 65	89 67	91 70	92 71	94 72	95 74	96 72	95 71	96 75	99 77	101 70	89.0 69.5	
EUFALA WILDLIFE REF	MAX MIN	90 60	93 63	90 68	88 68	90 64	91 67	91 68	90 71	89 67	92 70	90 69	80 72	89 68	89 56	88 68	89 61	88 64	88 63	88 61	91 62	92 64	94 67	96 68	96 66	97 68	98 68	97 69	98 72	101 74	104 75	91.9 65.7	
EVERGREEN	MAX MIN	91 64	92 65	85 70	80 69	86 66	89 68	87 71	90 70	74 67	87 68	90 72	92 71	87 68	87 61	86 65	90 68	89 69	90 68	88 65	90 67	90 68	92 70	93 71	95 71	95 71	96 73	96 71	96 73	98 77	100 71	90.0 68.9	
FRISCO CITY	MAX MIN	89 68	89 68	83 69	85 68	85 68	88 71	89 69	87 70	78 68	88 66	89 68	91 72	88 67	86 62	86 63	90 65	90 65	90 65	90 69	88 68	90 68	91 70	92 71	95 72	97 72	98 72	99 72	95 70	98 74	100 72	90.1 68.9	
GENEVA 2	MAX MIN	91 68	92 66	84 70	83 69	88 68	88 72	89 68	90 72	81 70	86 68	89 72	92 70	86 69	90 62	90 66	88 68	88 66	88 66	88 68	91 65	89 67	92 70	93 71	96 70	97 71	96 73	95 72	96 74	99 78	100 70	90.5 69.4	
GILBERTOWN	MAX MIN	90 61	88 60	92 65	91 63	90 64	89 67	88 72	85 72	86 64	90 61	89 66	87 71	87 72	90 59	91 60	91 64	91 65	92 65	90 64	93 66	94 66	95 68	96 69	96 71	96 70	98 70	96 71	101 74	99 73	92.0 66.7		
GREENVILLE	MAX MIN	90 65	91 64	85 70	77 68	85 64	87 67	87 70	90 72	75 68	88 65	90 68	92 70	85 65	86 58	86 65	89 70	88 67	89 66	96 67	90 63	89 65	91 68	92 69	93 70	93 70	96 72	96 69	93 73	96 70	97 71	89.4 67.5	
HEADLAND	MAX MIN	90 68	93 67	87 70	83 69	86 69	89 73	89 69	90 73	78 71	79 68	84 72	90 71	92 73	87 61	83 67	85 65	90 67	88 64	87 67	82 65	90 67	93 67	93 70	94 71	94 72	95 74	98 71	98 75	99 77	100 69	89.5 69.5	
HIGHLAND HOME	MAX MIN	90 64	93 64	83 65	77 66	86 67	90 66	88 68	90 70	75 69	84 67	89 69	90 70	86 69	88 58	88 59	89 65	89 64	88 63	85 64	90 63	90 65	93 66	94 68	95 69	95 71	98 72	95 68	95 67	98 74	100 70	89.7 66.7	
OZARK 6 NNW	MAX MIN	93 68	90 65	86 68	88 68	89 66	88 71	89 68	84 69	86 69	90 67	90 71	86 69	89 68	89 61	87 69	88 65	87 65	86 65	87 65	89 67	91 65	94 69	96 78	96 71	96 74	96 72	97 71	101 76	103 76	96 68	90.9 69.0	
PITTSVIEW	MAX MIN	89 60	90 60	88 63	80 66	87 62	89 62	89 68	89 69	77 67	87 65	90 65	87 68	88 65	88 55	86 58	87 66	87 61	87 59	85 59	87 61	89 62	91 65	94 65	95 65	94 67	95 69	94 67	95 68	100 70	102 67	89.5 64.1	
THOMASVILLE	MAX MIN	90 67	91 65	91 65	84 66	88 66	90 67	90 64	87 70	82 65	85 61	90 64	92 68	89 65	89 55	86 58	90 64	90 64	90 64	89 62	89 63	90 65	92 65	93 65	95 68	95 69	96 70	97 70	97 70	99 71	99 69	90.8 65.4	
TROY	MAX MIN	92 67	85 67	77 71	86 68	87 67	88 70	89 68	83 68	85 69	90 67	88 71	85 70	88 70	87 60	88 70	87 69	87 65	87 65	88 61	90 67	92 68	93 70	94 71	94 73	96 72	95 73	94 69	97 75	100 77	96 70	89.6 69.0	
WHATLEY	MAX MIN	87 69	90 67	91 66	90 67	91 66	92 65	90 65	90 64	91 65	90 63	90 69	91 69	90 66	91 59	90 58	92 67	95 66	89 65	90 66	90 60	94 65	96 70	97 67	96 66	98 71	98 74	98 72	99 70	101 79	99 79	92.9 67.2	
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	92 65	85 68	85 70	87 69	90 67	88 71	90 70	79 72	90 68	91 66	90 71	88 70	90 66	88 64	92 68	91 69	90 68	89 68	91 64	91 67	93 67	95 70	96 71	97 72	96 72	94 70	96 69	98 74	99 76	98 70	91.3 69.1	
COOEN	MAX MIN	89 68	81 72	82 70	84 69	87 67	87 73	88 71	80 73	89 71	86 71	87 73	88 69	91 67	88 65	87 65	87 70	86 69	86 70	89 66	88 66	90 70	91 71	93 71	95 73	93 70	92 73	94 73	95 75	95 74	92 70	88.7 70.4	
ORUPHIN ISLAND 2	MAX MIN	88 77	88 80	86 72	81 73	84 75	86 77	87 76	88 73	80 73	87 76	85 78	88 78	90 74	89 75	86 76	87 78	84 77	87 77	84 78	87 74	87 77	88 77	92 78	93 78	93 79	95 81	95 78	93 74	96 76	92 72	88.3 76.2	
FAIRHOPE 2 NE	MAX MIN	90 67	88 68	81 69	79 70	84 68	89 70	86 72	88 74	86 69	87 70	88 74	87 72	88 68	90 74	87 66	87 67	89 71	88 69	88 69	90 69	90 69	93 71	95 72	95 74	95 75	95 74	95 73	96 76	95 76	95 70	89.4 70.6	
MOBILE WSO AP	MAX MIN	89 70	83 73	83 73	85 72	89 72	85 75	87 74	80 73	88 72	88 71	88 75	89 73	90 71	87 67	89 70	87 72	86 71	88 73	88 70	89 72	91 72	95 73	97 74	97 77	96 75	95 74	96 74	95 78	96 74	93 74	89.6 72.8	
ROBERTS DALE	MAX MIN	91 67	89 67	83 72	80 71	87 68	89 69	88 72	87 74	79 69	89 71	88 71	89 73	90 69	91 64	89 64	90 69	88 69	86 70	90 67	67		92 71	95 72	95 72	97 74	96 73	92 72	95 73	98 77	98 72	90.0 70.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
JUNE 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN AGRONOMY FARM	(1 IN)	2	MAX	102	101	96	98	102	97	100	100	80	93	101	98	91	90	95	90	101	101	103	101	102	98	91	99	103	105	104	105	107	108		98.7
		MIN	74	75	75	72	73	75	77	77	78	74	71	74	74	79	66	67	72	71	72	73	75	76	75	69	76	78	77	77	80	84	82	74.7	
		4	MAX	97	96	90	91	95	93	95	95	80	87	93	91	87	87	90	88	94	94	95	97	98	94	89	94	96	97	100	101	103	104		93.7
	MIN	74	75	76	73	75	77	79	79	80	75	72	73	75	77	77	70	69	73	73	74	74	76	78	78	76	77	79	78	81	80	85	85		76.2
BREWTON 3 ENE	(1 IN)	8	MAX	90	90	85	85	89	88	89	90	82	83	86	86	83	83	83	83	87	88	89	91	91	89	83	88	90	91	94	94	106	98		88.5
		MIN	77	79	77	76	75	77	78	79	76	75	75	77	77	77	73	72	75	76	77	77	78	80	79	77	78	80	80	81	82	85	86		77.8
		4	MAX	98	98	84	86	90	93	93	89	77	89	92	92	91	89	95	95	99	98	98	99	99	100	102	103	102	105	103	105	104	103		95.7
	MIN	75	75	75	75	74	74	76	76	74	74	74	77	73	71	71	76	77	78	77	77	77	78	78	80	82	82	83	81	81	83	84		77.0	
HEADLAND	(1 IN)	4	MAX	97	97	90	86	89	93	94	92	81	88	93	95	87	90	97	93	92	94	95	96	95	98	95	92	96	100	100	98	100		93.8	
	MIN	77	80	79	76	76	75	78	76	77	77	76	80	69	74	73	75	77	80	80	80	81	81	81	83	84	84	84	85	85	85	81		79.0	
PITTSVIEW	(1 IN)	4	MAX	87	91	87	81	88	89	90	89	79	89	91	87	90	91	87	87	91	92	92	92	94	96	96	97	94	97	97	99	100	101		91.4
	MIN	71	74	75	75	75	77	77	77	75	75	76	76	78	76	73	73	81	76	76	77	77	77	78	80	80	86	81	81	81	84	85		77.5	
THORSBY EXP STATION	(1 IN)	4	MAX	92	90	86	87	85	88	87	80	83	87	87	85	87	85	85	92	92	92	92	93	95	95	96	96	95	95	90	92	94		89.9	
	MIN	73	76	76	74	73	75	76	75	75	74	73	75	76	76	70	73	75	75	76	76	76	79	80	80	81	81	82	83	77	80	82	79		76.7
WINFIELD 2 SW	(1 IN)	4	MAX	87	90	80	83	90	92	86	80	82	82	85	86	90	90	91	90	94	94	88	91	93	92	95	95	96	98	98	99	98		90.3	
		MIN	73	75	73	71	72	74	74	75	75	78	70	68	75	76	72	72	78	78	78	78	77	79	78	80	80	82	83	84	85	85	84		76.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
JUNE 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.31	.21	.15	.20	.24	.32	-	-	.19	.22	.31	.28	.35	.30	.25	.27	.31	.16	.29	.21	.25	.19	.28	.27	.25	.31	.35	.36	.40	.27	8.048
		WIND	31	40	73	56	32	41	56	57	63	30	34	51	111	91	61	66	65	43	45	41	42	36	55	52	32	60	55	55	64	42	1580
		MAX	88	82	83	97	98	99	88	87	88	100	103	102	94	94	98	98	100	99	96	96	90	93	88	93	95	102	102	105	103	100	95.4
		MIN	65	72	68	69	70	74	76	74	73	67	75	77	72	62	65	70	72	74	78	75	74	76	75	74	76	80	81	80	83	77	73.5
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.26	.25	.12	.18	.22	.19	.13	.22	-	-	.26	.14	.30	.33	.27	.24	.29	.28	.16	.20	.23	.20	.23	.24	.23	.29	.31	.25	.27	.26	7.028
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.31	.30	.08	.18	.20	.42	.22	.26	.04	.26	.25	.21	.24	.41	.27	.20	.29	.24	.26	.26	.39	.22	.24	.30	.30	.19	.28	.28	.35	.36	7.81
		WIND	19	17	27	37	29	12	34	57	59	48	31	38	28	66	47	37	32	21	19	16	16	25	21	26	23	12	32	30	39	40	938
		MAX	93	92	90	95	92	90	93	93	74	97	99	96	93	91	88	88	97	96	97	96	93	91	91	101	98	108	98	98	99	100	94.2
		MIN	66	68	71	69	69	70	70	71	70	71	71	71	69	60	58	67	66	68	67	67	69	69	69	75	76	71	69	76	73	70	69.2
MARTIN DAM		EVAP	.15	.13	.24	.13	.16	.28	.25	.08	.16	.18	.19	-	.16	.40	.18	.22	.24	.20	.12	-	.24	.22	.24	.30	.30	.26	.26	.24	.28	.32	6.578
		WIND	25	21	23	22	28	20	26	33	32	35	20	29	33	80	75	27	23	21	22	24	18	29	30	37	28	23	30	32	46	55	947
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.24	.22	.09	.03	.21	.29	.19	.12	-	.19	.23	.24	.19	.30	.29	.25	.35	.27	.26	.34	.28	.22	.31	.34	.27	.28	.30	.24	.30	.24	7.328
		WIND	14	18	31	38	20	8	32	50	38	50	16	19	36	65	39	34	33	30	29	22	26	23	24	26	26	17	30	19	31	34	878
		MAX	103	102	92	94	93	98	97	90	86	84	100	98	96	96	97	99	99	102	97	95	106	106	104	103	102	104	104	105	105	107	98.8
		MIN	71	68	70	70	68	70	72	74	72	70	71	75	75	75	64	68	72	72	71	70	74	73	72	75	76	78	75	74	79	76	72.3
COASTAL PLAIN 07																																	
HEADLAND		EVAP	.24	.24	.02	.23	.18	.18	.20	.24	.08	.18	.21	.22	.15	.31	.26	.21	.27	.19	.37	.30	.30	.29	.23	.23	.32	.28	.27	.28	.34	.10	6.92
		MAX	106	108	88	87	105	110	108	107	90	95	105	110	106	108	108	103	97	97	107	107	107	111	111	100	98	111	113	108	110	110	104.3
		MIN	69	69	69	70	70	75	73	73	72	72	72	73	70	64	64	69	68	67	68	68	68	72	75	74	73	74	70	73	78	77	71.0
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.17	-	-	-	.18	.37	-	-	-	.17	.16	.17	.13	.26	.30	.22	.19	.15	.20	.23	.24	-	.28	.29	.26	.24	.24	.21	.23	-	-
		WIND	14	13	10	13	17	16	14	12	15	13	10	13	17	22	24	13	7	23	14	13	18	23	24	33	20	22	18	19	23	31	524
		MAX	97	95	96	83	96	97	95	98	78	98	98	96	96	100	93	102	100	100	96	99	100	99	101	102	102	104	105	103	102	100	97.7
		MIN	71	70	71	73	72	73	75	75	71	71	75	75	71	69	68	70	71	72	71	70	71	72	74	75	75	78	75	75	78	75	72.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
JUNE 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
A00ISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF PALMER GODSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIDNEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAR
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452					VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
8RANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A			R E HENDERSON
8RENTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
8RENTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
8ROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
8RUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARSON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	ODN R WATSON
CENTREVILLE WSMO	1525	03	8188	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DAOEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DAOEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	OE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAOSY MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	HOUSTON	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

ALABAMA  
JUNE 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	D2	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	D2	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	D3	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	D3	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	D2	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	D6	LOWNOES	1	32 11	86 35	170	8A	8A		H	DIXIE S MODRER
HEADLAND	3761	D7	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	D5	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	D7	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	D5	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTS
HODGES	3899	D1	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSD AP	4064	D1	MADISON	12	34 39	86 46	624	MID	MID	MID	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	D7	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	D7	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	D4	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	D3	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	D5	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	D7	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	D5	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANDRUM
LAY DAM	4603	D3	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEDS	4619	D2	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	D4	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	D6	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	D7	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARD
MARION 6 NE	5112	D6	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	D6	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	D5	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	D6	MONTGOMERY	11	32 15	86 00	195		7A			W D (BILL) OILLARO
MELVIN	5354	D7	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	D6	BULLOCK	4	32 04	85 31	495				C	ALFRED S ADAMS
MILSTERO	5439	D6	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	D6	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	D3	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSD AP	5478	D8	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTVALLO	5537	D4	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSD AP	5550	D6	MONTGOMERY	1	32 18	86 24	221	MID	MID		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	D1	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	D1	COLBERT	12	34 45	87 37	540	MID	MID		H	FAA
NEW MARKET 2	5867	D1	MADISON	12	34 55	86 27	725	SP	SP		H	INACTIVE S/31/77
NEWTON	5875	D7	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	D2	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	D5	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	D7	DALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	D2	JACKSON	12	34 42	86 20	635				C	TVA-89
PALMERDALE 2 W	6246	D2	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	D6	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	D7	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	D3	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	D7	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	D6	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	D7	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	D3	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	D1	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	D3	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	D7	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	D7	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	D8	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	D5	CODSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	D5	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	D1	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	D2	CULLMAN	2	34 10	86 49	800	7A	MID		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	D2	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MT SUBSTATION
SAYRE	7282	D2	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIDMORE
SCOTTSBORO	7304	D2	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	D6	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANDLER
SUTTLE	7963	D6	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	D4	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	D6	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	D7	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

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## STATION INDEX

ALABAMA  
JUNE 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FFA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 6 W	8670	02	JEFFERSON	2	33 49	86 57	630		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Above	32° or Below										
* * * JANUARY 1978																							
SAINT BERNARD	39.4M	22.9M	31.2M	- 9.7	64	8	11	9	1062	0	8	26	0									0	
* * * APRIL 1978																							
HEAOLANO	78.2M	54.5	66.4M		85	6+	44	27+	42	0	0	0	0	5.57		4.60	13	.0	0		3	2	1
* * * MAY 1978																							
HEAOLANO	82.1	62.9	72.5		96	31	52	5	0	4	0	0	0	7.99		2.28	4	.0	0		9	5	3

See Reference Notes Following Station Index



# LATE REPORTS DAILY PRECIPITATION

ALABAMA

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																	
JANUARY	1978																																
SAINT BERNARD		-	.04					.70	.07	-					.04	T		•	.80		.58					.77	.62	.04					
• • •																																	
APRIL	1978																																
HEADLAND		5.57													4.60						.82							.13					
• • •																																	
MAY	1978																																
HEADLAND		7.99	2.23	.13	2.28				.15	.09	.27	1.16			.70				.15	.05	.68	.04							.01			.05	

See Reference Notes Following Station Index

# LATE REPORTS DAILY TEMPERATURES

ALABAMA

Station				Day of Month																															Average
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *	MAX																																		
JANUARY 1978	MIN																																		
SAINT BERNARD	MAX		46	33	48	50	56	62	64	51	23	24	30	33	33	24	34	40	44	31	36	29	31	39	53	46	50	33	36	35	32	35	39.4		
	MIN	43	24	15	17	26		49	46	11	12	12	19	27	18	19	20	32	24	28	24	21	23	21	27	32	13	16	16	16	14	22.5			
* * *	MAX																																		
APRIL 1978	MIN																																		
HFAOLAND	MAX	85	84	85	85	85	85	77	80	82	82	80	71	75						70	82	69	74	75	72	83	80	61	72	78	82	78.2			
	MIN	51	50	52	53	56	60	63	61	63	56	62	56	61	47	53	56	59	65	58	46	46	44	52	59	63	47	44	47	51	54	54.5			
* * *	MAX																																		
MAY 1978	MIN																																		
HFAOLAND	MAX	83	75	78	70	80	89	83	73	86	80	81	83	82	81	79	79	72	80	88	85	88	90	90	91	85	80	81	78	79	80	96	82.1		
	MIN	58	60	64	61	52	57	65	66	68	58	55	60	62	56	55	55	58	62	64	63	67	68	70	67	68	67	66	66	67	71	75	62.9		
	MAX																																		
	MIN																																		

## DAILY SOIL TEMPERATURES

Station		Depth	Time	Day of month																															Average		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
* * * DECEMBER 1977		(IN)	6	MAX	64	62	59	63	64	67	57	50	51	53	47	48	49	53	56	58	58	57	55	56	56	50	48	48	53	54	47	46	44	43	47	47	53.6
MARION JCT 2NE				MIN	62	56	55	55	59	57	49	47	47	47	45	43	43	46	53	53	52	52	50	48	50	45	43	43	46	46	43	41	43	41	43	41	48
* * * JANUARY 1978		(IN)	6	MAX	50	51	47	45	45	48	55	58	57	47	42	40	40	40	40	38	40	41	40	40	40	38	44	45	46	50	43	41	40	39	38	44.1	
MARION JCT 2NE				MIN	47	47	43	40	40	41	47	53	46	42	40	39	39	40	38	37	37	40	39	40	38	38	38	38	38	44	43	40	38	37	37	40.8	
* * * FEBRUARY 1978		(IN)	6	MAX	62	60	61	65	66	66	62	60	39	41	45	47	49	53	47	50	53	52	53	47	48	43	45	45	50	53	55	52				46.8	
MARION JCT 2NE				MIN	37	39	40	39	39	41	40	38	38	37	38	39	41	45	43	42	46	45	46	43	40	40	39	39	39	42	47	45				41.0	
* * * APRIL 1978		(IN)	6	MAX	82	82	84	84	84	87	83	87	85	87	87	85	70	71	79	82	82	85	73	81	79	80	84	71	85	83	64	80	85	88	81.3		
HEAOLAND				MIN	60	62	63	62	64	54	65	69	70	69	70	70	70	58	56	53	62	65	67	67	60	58	60	61	69	60	60	60	57	57	58	65	62.4
* * * MAY 1978		(IN)	6	MAX	83	73	78	71	86	83	79	73	85	79	85	90	86	84	85	85	85	85	86	88	93	96	96	98	98	98	93	98	100	99	87.0		
HEAOLAND				MIN	66	65	61	66	64	64	68	69	71	67	65	66	70	66	65	65	65	68	70	70	72	72	76	78	78	78	78	79	78	80	78	69	70.3

## EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * *	APRIL	1978	EVAP	.22	.19	.23	.18	.21	.21	.26	.25	.20	.20	.21	.17	-	.10	.20	.28	.08	.18	.02	.31	.23	.25	.22	.06	.18	.22	.12	.23	.24	.20	5.848
	HEAOLANO		MAX	90	91	91	95	92	94	64	92	90	90	91	88	74	74	90	94	93	95	80	98	90	81	85	82	100	96	70	90	84	91	88.0
			MIN	53	52	53	54	56	54	55	60	61	60	60	56	52	46	50	51	58	61	59	47	49	47	49	57	63	48	45	50	83	58	54.9
* * *	MAY	1978	EVAP	.08	.15	.08	.05	.31	.20	.09	.02	.18	.16	.26	.26	.24	.34	.35	.32	.10	.17	.12	.35	.24	.24	.25	.22	.22	.03	.30	.27	.24	.23	6.27
	HEAOLANO		MAX	97	82	94	77	103	90	83	84	102	93	98	100	86	87	92	93	88	101	107	93	97	117	110	100	110	106	97	96	110	103	96.6
			MIN	60	63	63	63	55	56	63	65	70	63	61	63	64	55	55	56	58	65	66	67	68	71	71	69	68	71	68	67	68	68	64.1

See Reference Notes Following Station Index

# LATE REPORTS SNOWFALL AND SNOW ON GROUND

ALABAMA

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* JANUARY 1978																																
SAINT BERNARD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
AUGUST 1977	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA	COASTAL PLAIN 07	TROY	TOTAL PRECIPITATION, MISSING. GREATEST DAY OF PRECIPITATION, MISSING. NUMBER OF DAYS WITH PRE- CIPITATION .10 OR MORE, MISSING; .50 OR MORE, MISS- ING; 1.00 OR MORE, MISSING.
AUGUST 1977	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA	COASTAL PLAIN 07	DIVISION	AVERAGE PRECIPITATION, 6.62. DEPARTURE FROM NORMAL, 1.80.
AUGUST 1977	DAILY PRECIPITATION	COASTAL PLAIN 07	TROY	TOTAL, MISSING. AMOUNT ON 1ST-5TH, MISSING.

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1986.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.  
No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

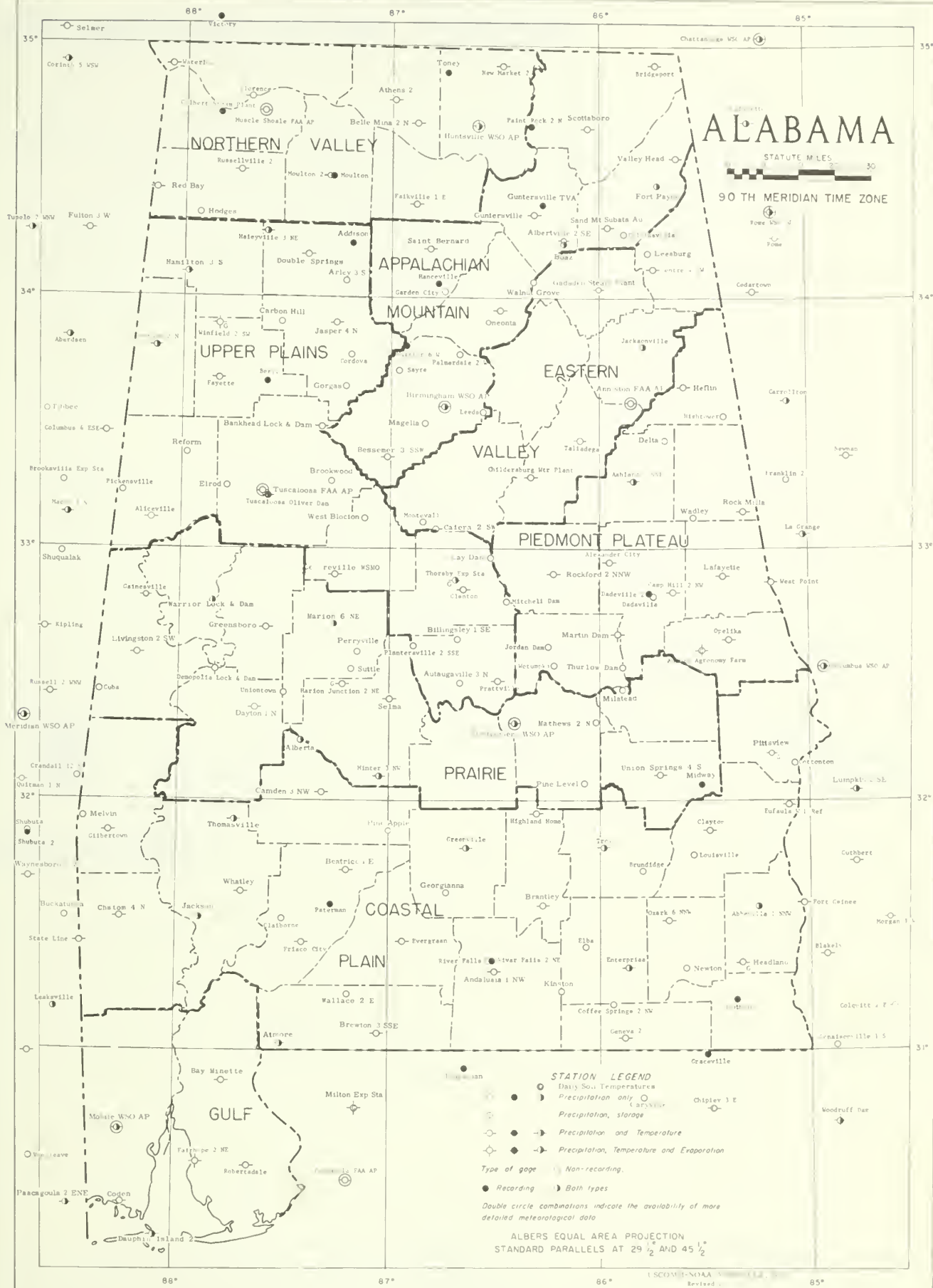
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Bourly precipitation values are processed for special purposes, and are published later in the "Bourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Bourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee S-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1985 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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**THIRD CLASS**

# Climatological Data



ALABAMA

## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	LIVINGSTON 2 SW	102	DATE 01
LOWEST TEMPERATURE:	VALLEY HEAD	48	DATE 17
GREATEST TOTAL PRECIPITATION:	FAIRHOPE 2 NE	23.67	
LEAST TOTAL PRECIPITATION:	ASHLAND 2 SSE	.65	
GREATEST 1 DAY PRECIPITATION:	FAIRHOPE 2 NE	11.25	DATE 26

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	12	0.7	5.6	30	NW	31	79	82	55	60	0	7	2	1	2	0	12	70	5.4	
HUNTSVILLE WSO AP	15	0.9	5.7	31++	1	02	86	87	57	63	2	5	2	2	0	1	12	-	5.1	
MOBILE WSO AP	21	1.0	6.1	23++	21	21	87	90	62	74	4	5	7	2	2	1	21	-	6.4	
MONTGOMERY WSO AP	20	1.5	5.4	30	S	22	82	87	56	63	1	3	6	2	1	0	13	70	5.4	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JULY

1978

STATION		TEMPERATURE											PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	SNOW. SLEET		NO. OF DAYS					
									MAX.		MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE		
									30° OR ABOVE	32° OR ABOVE	32° OR BELOW	34° OR BELOW	50° OR BELOW													
NORTHERN VALLEY 01																										
ATHENS 2		91.2M	66.1M	78.7M		95 31	60 18	0	0	0	0	0	3.84		1.35 28	.0	0					5	2	1		
BELLE MINA 2 N		90.8	67.8	79.3		96 24	62 18	0	19	0	0	0	7.56		4.94 3	.0	0					5	2	2		
FALKVILLE 1 E		91.5	66.1	78.8		98 1	60 17	0	21	0	0	0	5.25			.0	0					5	3	1		
HUNTSVILLE WSO AP		90.5	69.9	80.2	.7	96 30	65 18	0	17	0	0	0	5.64	.76	3.28 3	.0	0					5	3	1		
MOULTON 2		93.1M	68.8M	81.0M		96 31	61 18	0	27	0	0	0	2.05		1.15 27	.0	0					5	1	1		
MUSCLE SHOALS FAA AP		92.1	70.7	81.4	1.3	98 1	66 26	0	25	0	0	0	2.80	-1.31	1.03 14	.0	0					6	2	1		
RED BAY		93.8	69.0	81.4		98 1	64 29	0	26	0	0	0			.89 1	.0	0					6	1	1		
RUSSELLVILLE 2		90.0M	65.0M	77.5M		98 31	57 18	0		0	0	0	1.27		.72 11	.0	0					3	1	0		
DIVISION				79.8	.5								4.06	-.27		.0										
APPALACHIAN MOUNTAINS 02																										
BESSEMER 3 WSW		94.6	69.4	82.0		98 26	64 18	0	29	0	0	0	3.50	-1.86	.95 10	.0	0					5	4	0		
BIRMINGHAM WSO AP		91.4	71.5	81.5	1.6	96 10	67 18	0	24	0	0	0	5.09	-.13	1.86 15	.0	0					5	3	2		
GUNTERVILLE WSMO		92.7	68.1	80.4		96 24	62 18	0	29	0	0	0	2.49		1.10 3	.0	0					6	1	1		
ONEONTA		92.4	67.7	80.1	1.7	98 2	61 18	0	25	0	0	0	2.06	-2.66	1.05 10	.0	0					5	1	1		
SAINT BERNARD		93.0M	66.3M	79.7M	1.4	98 1	61 28	0	0	0	0	0	2.95	-1.52	1.24 27	.0	0					5	3	1		
SAND MT SUBSTA AU		90.7	68.6	79.7		95 24	64 18	0	21	0	0	0	1.80		.87 15	.0	0					5	1	0		
SCOTTSBORO VALLEY HEAD		89.4	63.9	76.7	.1	95 24	48 17	0	15	0	0	0	3.49	-1.40	1.51 25	.0	0					4	3	2		
DIVISION				80.0	1.5								3.05	-1.72		.0										
UPPER PLAINS 03																										
ALICEVILLE		93.2	70.5	81.9		99 1	67 18	0	28	0	0	0	5.64	1.06	2.21 4	.0	0					5	3	2		
BANKHEAD LOCK AND DAM		95.5	72.0	83.8		101 31	67 20	0	30	0	0	0	3.11	-1.34	1.55 16	.0	0					6	3	1		
CENTREVILLE WSMO		92.8	68.8	80.8		97 31	66 18	0	27	0	0	0	2.49		1.18 15	.0	0					6	1	1		
CLANTON		93.4	67.0	80.2	.2	99 11	62 17	0	27	0	0	0	2.30	-2.87	.85 22	.0	0					3	3	0		
DOUBLE SPRINGS		92.0	66.1	79.1		99 31	63 19	0	24	0	0	0	2.61		.70 10	.0	0					8	2	0		
FAYETTE																										
HALEYVILLE 3 NE		91.0M	65.6M	78.3M	.1	95 30	60 18	0	24	0	0	0	3.40	-1.56	1.29 14	.0	0					5	2	1		
HAMILTON 3 S		93.9	65.1	79.5		99 31	58 19	0	28	0	0	0	1.52		.87 2	.0	0					4	1	0		
JASPER 4 N		93.9	66.3	80.1		100 30	60 18	0	28	0	0	0	2.24		.90 4	.0	0					6	2	0		
THORNSBY EXP STATION		93.0	69.5	81.3		97 10	67 23	0	28	0	0	0	2.99		1.90 27	.0	0					4	2	1		
TUSCALOOSA FAA AP		93.8	73.8	83.8	2.6	100 30	69 18	0	28	0	0	0	2.84	-1.57	1.25 3	.0	0					6	2	1		
TUSCALOOSA OLIVER DAM		93.4M	71.4M	82.4M		99 31	67 17	0	28	0	0	0	2.47	-2.13	1.01 8	.0	0					4	2	1		
VERNON 2 N		93.1	67.7	80.4		99 30	61 18	0	27	0	0	0	3.91		1.06 8	.0	0					9	3	1		
WINFIELD 2 SW		93.2	66.5	79.9		98 31	61 18	0	29	0	0	0	2.14	-2.60	.88 2	.0	0					3	3	0		
DIVISION				80.9	.9								2.90	-1.93		.0										
EASTERN VALLEY 04																										
ANNISTON FAA AP		92.9	70.5	81.7		99 31	66 17	0	24	0	0	0	3.93		1.52 15	.0	0					6	3	2		
CALEBA 2 SW		93.7	67.7	80.7		98 30	63 17	0	28	0	0	0	1.95	-3.36	.53 10	.0	0					7	1	0		
CENTRE 4 SW		92.0	68.0	80.0		97 23	61 18	0	23	0	0	0	4.04		1.52 25	.0	0					4	3	2		
CHILDERSBURG WTR PLANT		92.7	69.7	81.2		97 8	66 18	0	28	0	0	0	5.74	1.65	1.71 28	.0	0					6	4	3		
GROSDEN STEAM PLANT		91.7	69.8	80.8	1.6	97 9	66 17	0	23	0	0	0	4.65	-.03	2.02 25	.0	0					7	3	2		
TALLADEGA		91.9	66.8M	79.4M	.1	98 8		0	25	0	0	0	2.39	-2.23	1.65 11	.0	0					3	1	1		
DIVISION				80.6	1.3								3.78	-.88		.0										
PIEDMONT PLATEAU 05																										
ALEXANDER CITY		93.0	69.9	81.5		98 11	67 17	0	24	0	0	0	6.03	.73	2.45 16	.0	0					5	4	2		
ASHLAND 2 SSE		90.1	67.4	78.8		95 10	65 29	0	23	0	0	0	.65		.35 16	.0	0					2	0	0		
AUBURN AGRONOMY FARM		92.0	71.4	81.7	2.0	101 1	67 11	0	23	0	0	0	6.53	1.15	4.02 28	.0	0					6	3	2		
MEFLIN		92.2	67.1	79.7		98 1	61 18	0	25	0	0	0	3.78		1.85 16	.0	0					4	3	2		
LAFAYETTE		92.9	68.9	80.9		98 23	66 28	0	26	0	0	0	5.24		2.15 15	.0	0					7	4	1		
MARTIN DAM		91.5	69.7	80.6		98 1	67 24	0	23	0	0	0	5.13	-.09	2.04 28	.0	0					8	4	1		
OPELIKA		91.6	69.2	80.4		98 1	64 28	0	23	0	0	0	3.36		1.53 28	.0	0					6	2	1		
ROCKFORD 2 NNW		92.0	62.2	77.1		98 11	57 17	0	25	0	0	0	6.27		3.20 16	.0	0					6	3	2		
ROCK MILLS		93.8	68.0	80.9	1.7	99 25	64 18	0	27	0	0	0	2.92	-2.24	1.17 16	.0	0					4	3	1		
DIVISION				80.2	1.2								4.43	-.85		.0										
PRAIRIE 06																										
DAYTON 1 N		93.3	70.0	81.7		99 1	66 17	0	27	0	0	0	5.00	-.03	2.00 10	.0	0					6	4	2		
DEMOPLIS LOCK AND DAM		92.6	70.5	81.6		98 1	67 17	0	29	0	0	0	4.69	-.30	2.96 11	.0	0					5	3	1		
GRAINESVILLE		93.1M	71.5M	82.3M		97 31	68 18	0	29	0	0	0	2.42	-2.87	.52 4	.0	0					7	3	0		
GREENSBORO		94.4	70.8	82.6	1.5	98 30	67 17	0	30	0	0	0	4.42	-.41	1.68 1	.0	0					6	2	2		
HAYNEVILLE		93.4	72.9	83.2		99 5	68 24	0	26	0	0	0	2.50	-2.20	1.64 26	.0	0					4	1	1		
LIVINGSTON 2 SW		95.2	69.1	82.2		102 1	60 11	0	30	0	0	0	6.17	.06	2.70 31	.0	0					7	3	2		
MARION JUNCTION 2 NE		92.7	69.8	81.3		98 1	65 25	0	25	0	0	0	3.01	-1.77	.83 11	.0	0					6	3	0		
MINTER 3 NW		93.8	70.1	82.0		99 10	66 16	0	28	0	0	0	2.25		1.20 11	.0	0					3	2	1		
MONTGOMERY WSO AP		92.0	72.8	82.4	1.4	96 9	69 20	0	25	0	0	0	4.02	-1.07	1.62 25	.0	0					9	3	1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
JULY 1975

STATION		TEMPERATURE											PRECIPITATION									
		AVERAGE MAX: MIN	AVERAGE MIN: MAX	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS			
									MAX.		MIN.					TOTAL	MAX. DEPTH IN GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
									90° OR ABOVE	87° OR BELOW	84° OR BELOW	81° OR BELOW										
SELMA UNION SPRINGS 4 S		95.1 93.1	72.3 70.6	83.7 81.9	2.0 1.7	99 3 99 2	68 11 67 20	0 31 0 26	0 0 0 0	0 0 0 0	1.41 5.57	- 3.58 .66	1.18 11 2.48 13	.0 .0	0 0		2 8	1 4	1 1			
DIVISION				82.3	1.3						3.77	- 1.48		.0								
COASTAL PLAIN 07																						
ANDALUSIA 1 NW		91.0	68.4	79.7	- 1.1	97 6	64 10	0 23	0 0	0 0	7.15	.70	1.63 2	.0	0		12 8	5 4	3 1			
ATMORE		91.6	71.3	81.5		96 10	67 27	0 25	0 0	0 0	5.62		2.00 5	.0	0		11 5	3 2	2 0			
BEATRICE 1 E		93.8	73.4	83.6		98 5	71 30	0 31	0 0	0 0	2.96	3.25	.96 23	.0	0		5 1	2 0	0 0			
BRANTLEY		93.5	69.5	81.5		99 6	65 6	0 26	0 0	0 0	6.19	.09	1.73 11	.0	0		11 1	4 1	1 1			
BREWTON 3 ENE		92.1	70.3	81.2		96 19	68 27	0 24	0 0	0 0	9.34		3.11 16	.0	0		14 5	5 1				
BREWTON 3 SSE		93.6	70.1	81.9	1.6	101 3	67 24	0 26	0 0	0 0	6.10	- 1.55	1.50 29	.0	0		12 3	3 3				
CAMDEN 3 NW		94.1	70.4	82.3		99 1	68 24	0 28	0 0	0 0				.0	0							
CHATAM 4 N		93.2	69.6	81.4		98 3	65 27	0 29	0 0	0 0	4.76		2.65 16	.0	0		9 2	1 1				
CLAYTON		89.9	69.7	79.8		95 25	67 31	0 20	0 0	0 0	3.46	- 2.04	1.10 25	.0	0		8 3	1 1				
ENTERPRISE 5 NNW		90.8	70.9	80.9		96 2	68 31	0 24	0 0	0 0	4.36		1.24 26	.0	0		9 3	1 1				
EUFULA WILDLIFE REF		94.4	69.4	81.9	.9	98 25	60 23	0 29	0 0	0 0			.32 4	.0	0		5 0	0 0				
EVERGREEN		91.5	70.4	81.0	.5	99 4	67 24	0 24	0 0	0 0	6.53	.10	2.33 16	.0	0		9 3	2 0				
FRISCO CITY		92.0	70.4	81.2		97 1	66 27	0 25	0 0	0 0	6.69	.12	1.45 31	.0	0		9 6	3 3				
GENEVA 2		91.2	71.0	81.1		96 2	67 31	0 25	0 0	0 0	7.12		2.04 18	.0	0		9 5	3 3				
GILBERTOWN		93.2	69.0	81.1		99 3	65 30	0 30	0 0	0 0	8.68		4.10 30	.0	0		10 5	2 2				
GREENVILLE		91.9M	70.0M	81.0M	-2	98 6		0 25	0 0	0 0	2.09	- 4.35	1.02 16	.0	0		4 2	1 1				
HEADLAND		91.8	71.1	81.5		98 26	68 27	0 26	0 0	0 0	3.00		.87 19	.0	0		8 2	0 0				
HIGHLAND HOME		93.5	69.7	81.6	1.3	97 19	67 24	0 28	0 0	0 0	1.19	4.81	.26 11	.0	0		5 0	0 0				
OZARK 6 NNW		90.5	70.0	80.3	-2	96 12	67 31	0 24	0 0	0 0	6.30	- .05	1.80 1	.0	0		12 3	2 2				
PITTSVIEW																						
THOMASVILLE		92.9	66.5	79.7	- .8	98 4	63 28	0 27	0 0	0 0	3.60	2.46	.80 13	.0	0		11 3	0 0				
TROY		90.5	70.6	80.6	.4	95 22	67 31	0 20	0 0	0 0	5.06	1.09	1.64 31	.0	0		10 3	2 0				
WHITLEY											3.44	- 3.72	.92 13	.0	0		6 4					
DIVISION				81.2	.6						5.18	1.24		.0								
GULF 08																						
BAY MINETTE 3 NNW		91.6	70.8	81.2	-2	97 1	66 27	0 24	0 0	0 0	10.85	3.21	2.66 4	.0	0		13 7	3 3				
COOEN		88.7	72.5	80.6		91 29	69 17	0 16	0 0	0 0	11.73		2.27 21	.0	0		15 9	4 4				
ORUPHIN ISLAND 2		88.5	77.0	82.8		96 10	70 26	0 15	0 0	0 0	11.80		3.76 26	.0	0		15 6	3 3				
FAIRHOPE 2 NE		88.5	72.5	80.5	.8	93 19	67 27	0 17	0 0	0 0	23.67	15.44	11.25 26	.0	0		13 8	3 3				
MOBILE WSO AP		91.2	74.3	82.8	1.2	98 4	70 12	0 24	0 0	0 0	7.74	1.12	2.11 4	.0	0		12 5	3 3				
ROBERTSORE		89.8M	72.6M	81.2M	.6	93 19	70 31	0 20	0 0	0 0	11.35	2.80	2.28 8	.0	0				5			
DIVISION				81.5	.1						12.86	4.92		.0								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
JULY 19784



# DAILY PRECIPITATION

ALABAMA  
JULY 1978

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
SELMA	1.41				.03						1.18					T								.20										
SUTTLE	1.41				.36						.71																							
TALLAPOOSA WATER PLT	3.30																																	
UNION SPRINGS 4 S	5.57				.07								.07				1.60						.24											
UNIONTOWN	5.01										2.20		2.48				.11								.43	.03		.34	T		.10			
WARRIOR LOCK AND DAM	1.42			.04	.20						.20			.34	12		.08					.07			.05							62		
X X X COASTAL PLAIN 07																																		
ADGEVILLE 1 NW	6.52		.65		T	.18	.56					.30					.05					.37					.08	1	71	36			1.36	
ALBERTA	1.89		.14									.64					.08										.02	X	X					
ANDALUSIA 1 NW	7.15		1.63		.64	.01	.29	.22			.12	.04					1.11					.31	.30	1	.07	.02								
ATMORE	5.62					2.00	T				.32	.37	.12			.05	12					.30												
BEATRICE 1 E	2.96											.40					.26						.34											
BRANTLEY	6.19		.29	T			.81	.18			1.73		.17									T	20				.69	T						
BREWTON 3 ENE	9.34				.04	24	T	.16			.90		T		.26	3.11						37	.67	.04	.28	.42	.11	.90	T		.03	.92	.43	
BREWTON 3 SSE	6.10		.15			1.48		.05			.10		.06			.12						27	.12	T		.40	.28	T	1.00	X	.10	T	1.50	T
BRUNSDIDGE	4.14			.41				.88			.02	.04	.04			.07						.01		.05			.18	14	39	.34	.31		.92	
CAMDEN 3 NW	-										.23				1.25	.19									.07	.29	.01						.22	
CHATOM 4 N	4.76						.28				.16	.21				2.65																		
CLAYBORNE	8.39							.15			.22					1.40	.69																	
CLAYTON	3.46		.10		.63						.10																							
COFFEE SPRINGS 2 NW	4.95		1.30	T		.85		.15								.10																		
COTTONTON	2.63				.90						.20						.40																	
ELBA	7.57		1.38		.48	1.04	.55				.06	.59	.02																					
ENTERPRISE 5 NNW	4.36		.70		.62	.10					.05	.16	.40			.03						10		.57	.06	.05		.07	.62	.03		.98	.06	
EUFALA WILDLIFE REF	-			T	.32	.22					.05	.16				.11																		
EVERGREEN	6.53				1.07	.08	.49				.05	.81				2.33							.07	.27	.45	.95	11		.03		.29	.03	.45	
FRISCO CITY	6.69					.30	1.05					.60				.62							.02	.25	1	.00	.95		.04	.06	.30		1.45	
GENEVA 2	7.12		.67		.16						.01		.01			.04	2.04																	
GEORGIANNA	7.24										.09	.10	.45			.55																		
OILBENTON	8.68			1.26	.60	.77	.10	1.37			.08	.14				.35																		
GREENVILLE	2.09																																	
HEADLAND	3.00		.03	.24	.55	.07								.26	.26																			
HIGHLAND HOME	1.19		.20	.05								.26		.13		.20	.01																	
HURTSBORO	2.91		.11	.83								.67				.35																		
JACKSON	3.70											1.04	.08			1.10																		
KINSTON	4.91		.84		1.00		.10					.74		T																				
LOUISVILLE	6.62				.28	3.23										T																		
MELVIN	5.11						1.37				.81		.90			.78																		
NEWTON	5.70		.20	.10	.10	2.00	.10									.20																		
OZARK 6 NNW	6.30		1.80	.06	.06								.42			.14																		
PINE APPLE	3.48					.07		.22				.29	.42			.27	.20																	
PITTSVIEW	-																																	
THOMASVILLE	3.60				.10	.04	.65	.17			.55	.80		.48	12																			
TROY	5.06			.17	.37	.07		.06			1.02	.38																						
WALLACE 2 E	3.08				.88	.95																												
WHITLEY	3.44										.52	.92																						
X X X GULF 08																																		
BAY MINETTE 3 NNW	10.85				2.66	.04				T	.36	.50		.55	.39	.54	2.00																	
COOEN	11.73				.05	.16		.93	T		T	1.07	.05	1.55	.62																			
DAUPHIN ISLAND 2	11.80				.43	.11		.43			.21	1.17	T	.16	.81																			
FRISHOPE 2 NE	23.67				2.90			T	.60		T	.01	.06	.01	.22	.23	.93																	
MOBILE WSD AP	7.74	T			2.11	T	T				.12	.37	.07	.06	.72	.02																		
ROBERTSDALE	11.35				2.21			.04	2.28	.12		.71	.15	T	.45		.15																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
<div style="text-align: center;">           ■   ■   ■            NORTHERN VALLEY   01         </div>															
ATHENS 2	SNOWFALL 1 IN ON GD							- -						- -	
BELLE MINA 2 N	SNOWFALL 1 IN ON GD							5.0 -	1.0 -	.3				6.3 -	
FALKVILLE 1 E	SNOWFALL 1 IN ON GD							- S	T					- S	
HOOGES	SNOWFALL 1 IN ON GD							4.5 -						4.5 -	
HUNTSVILLE WSD AP	SNOWFALL 1 IN ON GD						T	3.4 4	.5	T				3.9 4	
MDULTON 2	SNOWFALL 1 IN ON GD						T	4.6 4	.5 1	T				5.1 S	
MUSCLE SHOALS FAA AP	SNOWFALL 1 IN ON GD						T	5.9 S	.1	T				6.0 S	
RED BAY	SNOWFALL 1 IN ON GD							- -	- -					- -	
RUSSELLVILLE 2	SNOWFALL 1 IN ON GD						T	- -						- -	
<div style="text-align: center;">           ■   ■   ■            APPALACHIAN            MOUNTAINS   02         </div>															
BESSEMER 3 WSW	SNOWFALL 1 IN ON GD							1.0 -						1.0 -	
BIRMINGHAM WSD AP	SNOWFALL 1 IN ON GD						T	1.9 3	T	T				1.9 3	
BDAZ	SNOWFALL 1 IN ON GD						T	1.5	.3					1.8	
COLLINSVILLE	SNOWFALL 1 IN ON GD						- -	- -	- -	- -				- -	
FORT PAYNE	SNOWFALL 1 IN ON GD							- -	- 2	T				- -	
GARDEN CITY	SNOWFALL 1 IN ON GD							2.5 -	T					2.5 -	
GUNTERSVILLE	SNOWFALL 1 IN ON GD						T	.5 -						.5 -	
LEEDS	SNOWFALL 1 IN ON GD						T	1.5 -	T					1.5 -	
ONEONTA	SNOWFALL 1 IN ON GD							6.0 -	1.0 -	.3				7.3 -	
PALMERDALE 2 W	SNOWFALL 1 IN ON GD							3.0 2		1.5				4.5 2	
SAINT BERNARD	SNOWFALL 1 IN ON GD						T	- -	T					- -	
SAND MT SUBSTA AU	SNOWFALL 1 IN ON GD							.7	- -					- -	
SAYRE	SNOWFALL 1 IN ON GD						T	- -	T					- -	
SCOTTSBORD	SNOWFALL 1 IN ON GD							- -						- -	
VALLEY HEAD	SNOWFALL 1 IN ON GD						T	5.8 6	3.2 2	1.0				10.0 8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
WARRIOR 3 NW	SNOWFALL 1 IN ON GO							5.0 -						5.0 -	
• • •															
UPPER PLAINS	03														
ALICEVILLE	SNOWFALL 1 IN ON GO							4.0 -	T					4.0 -	
ARLEY 3 S	SNOWFALL 1 IN ON GO							- -							
AUTAUCAVILLE 3 N	SNOWFALL 1 IN ON GO														
BANKHEAD LOCK AND DAM	SNOWFALL 1 IN ON GO														
BROOKWOOD	SNOWFALL 1 IN ON GO							T	T					T	
CARBON HILL	SNOWFALL 1 IN ON GO							- -						- -	
CENTREVILLE WSMO	SNOWFALL 1 IN ON GO						T	.5 1	T					.5 1	
CLANTON	SNOWFALL 1 IN ON GO							.5 -						.5 -	
CORODVA 2 ENE	SNOWFALL 1 IN ON GO														
DOUBLE SPRINGS	SNOWFALL 1 IN ON GO							6.5 -	T	T				6.5 -	
ELROD	SNOWFALL 1 IN ON GO														
FAYETTE	SNOWFALL 1 IN ON GO							2.0 -						2.0 -	
GORGAS	SNOWFALL 1 IN ON GO							- -						- -	
HALEYVILLE 3 NE	SNOWFALL 1 IN ON GO														
HAMILTON 3 S	SNOWFALL 1 IN ON GO						T	2.5 2	.2	T				2.7 2	
JASPER 4 N	SNOWFALL 1 IN ON GO							3.0 -	T	T				3.0 -	
LAY DAM	SNOWFALL 1 IN ON GO														
MITCHELL DAM	SNOWFALL 1 IN ON GO														
PICKENSVILLE 2	SNOWFALL 1 IN ON GO														
PLANTERSVILLE 2 SSE	SNOWFALL 1 IN ON GO														
PRATTVILLE	SNOWFALL 1 IN ON GO							- -	- -	- -				- -	
REFORM 2 E	SNOWFALL 1 IN ON GO							.1 -	T					.1 -	
THORBY EXP STATION	SNOWFALL 1 IN ON GO							- -						- -	
TUSCALOOSA FAR AP	SNOWFALL 1 IN ON GO						T	1.0 1	T	T				1.0 1	
TUSCALOOSA OLIVER DAM	SNOWFALL 1 IN ON GO														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
VERNON 2 N	SNOWFALL 1 IN ON GD						T 4.0 -							4.0 -	
WEST BLOCTON	SNOWFALL 1 IN ON GD														
WINFIELD 2 SW	SNOWFALL 1 IN ON GD						T 4.5 2		T					4.5 2	
• • •															
EASTERN VALLEY	D4														
ANNISTON FAA AP	SNOWFALL 1 IN ON GD						T 1.3 1		T	T				1.3 1	
CALERA 2 SW	SNOWFALL 1 IN ON GD														
CENTRE 4 SW	SNOWFALL 1 IN ON GD						T	T	.2 -	T				.2 -	
CHILDERSBURG WTR PLANT	SNOWFALL 1 IN ON GD						- -							- -	
GADSDEN STEAM PLANT	SNOWFALL 1 IN ON GD						- -							- -	
JACKSONVILLE	SNOWFALL 1 IN ON GD								T					T	
LEESBURG	SNOWFALL 1 IN ON GD														
MONTEVALLO	SNOWFALL 1 IN ON GD														
TALLADEGA	SNOWFALL 1 IN ON GD							- -	T					- -	
WALNUT GROVE	SNOWFALL 1 IN ON GD														
• • •															
PIEDMONT PLATEAU	OS														
ALEXANDER CITY	SNOWFALL 1 IN ON GD							T						T	
ASHLAND 2 SSE	SNOWFALL 1 IN ON GD							1.5 1	.5 -	.5 -				2.5 -	
AUBURN AGRONOMY FARM	SNOWFALL 1 IN ON GD						T	T	T	.2				.2	
DADEVILLE	SNOWFALL 1 IN ON GD														
HEFLIN	SNOWFALL 1 IN ON GD							1.0 -	.5 -					1.5 -	
HIGHTOWER	SNOWFALL 1 IN ON GD							T						T	
JORDAN DAM	SNOWFALL 1 IN ON GD														
LAFAYETTE	SNOWFALL 1 IN ON GD						T	T						T	
MARTIN DAM	SNOWFALL 1 IN ON GD														
OPELIKA	SNOWFALL 1 IN ON GD														
ROCKFORD 2 NNW	SNOWFALL 1 IN ON GD							T						T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
ROCK MILLS	SNOWFALL 1 IN ON GO								T					T	
THURLOW DAM	SNOWFALL 1 IN ON GO														
WAOLEY	SNOWFALL 1 IN ON GO														
WETUMPKA	SNOWFALL 1 IN ON GO														
• • •															
PRAIRIE	06														
CUBA	SNOWFALL 1 IN ON GO														
DAYTON 1 N	SNOWFALL 1 IN ON GO														
DEMOPOLIS LOCK AND DAM	SNOWFALL 1 IN ON GO														
GAINESVILLE	SNOWFALL 1 IN ON GO							S.0 3	.5 1					S.5 4	
GREENSBORO	SNOWFALL 1 IN ON GO						T		T						
HAYNEVILLE	SNOWFALL 1 IN ON GO														
LIVINGSTON 2 SW	SNOWFALL 1 IN ON GO						T			T					
MARION 6 NE	SNOWFALL 1 IN ON GO														
MARION JUNCTION 2 NE	SNOWFALL 1 IN ON GO							T		T				T	
MATHEWS 1 S	SNOWFALL 1 IN ON GO														
MILSTEAD	SNOWFALL 1 IN ON GO									T				T	
MINTER 3 NW	SNOWFALL 1 IN ON GO														
MONTGOMERY WSD AP	SNOWFALL 1 IN ON GO						T	T	T	T				T	
PERRYVILLE	SNOWFALL 1 IN ON GO							T	T	T				T	
PINE LEVEL	SNOWFALL 1 IN ON GO														
SELMA	SNOWFALL 1 IN ON GO						T	T						T	
SUTTLE	SNOWFALL 1 IN ON GO														
TALLAPOOSA WATER PLT	SNOWFALL 1 IN ON GO														
UNION SPRINGS 4 S	SNOWFALL 1 IN ON GO														
UNIONTOWN	SNOWFALL 1 IN ON GO														
WARRIOR LOCK AND DAM	SNOWFALL 1 IN ON GO														

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
COASTAL PLAIN 07															
ABBEVILLE 1 NNW	SNOWFALL 1 IN ON GO							T	T					T	
ALBERTA	SNOWFALL 1 IN ON GO							T						T	
ANDALUSIA 1 NW	SNOWFALL 1 IN ON GO														
ATMORE	SNOWFALL 1 IN ON GO							T						T	
BEATRICE 1 E	SNOWFALL 1 IN ON GO														
BRANTLEY	SNOWFALL 1 IN ON GO														
BREWTON 3 ENE	SNOWFALL 1 IN ON GO							T	T					T	
BREWTON 3 SSE	SNOWFALL 1 IN ON GO														
BRUNOIDGE	SNOWFALL 1 IN ON GO						T	-	T					-	
CAMDEN 3 NW	SNOWFALL 1 IN ON GO							.4						.4	
CHATAM 4 N	SNOWFALL 1 IN ON GO							T						T	
CLAIBORNE	SNOWFALL 1 IN ON GO														
CLAYTON	SNOWFALL 1 IN ON GO														
COFFEE SPRINGS 2 NW	SNOWFALL 1 IN ON GO							T	T					T	
COTTONTON	SNOWFALL 1 IN ON GO														
ELBA	SNOWFALL 1 IN ON GO														
ENTERPRISE S NNW	SNOWFALL 1 IN ON GO														
EUFULA WILDLIFE REF	SNOWFALL 1 IN ON GO								T					T	
EVERGREEN	SNOWFALL 1 IN ON GO														
FRISCO CITY	SNOWFALL 1 IN ON GO							T						T	
GENEVA 2	SNOWFALL 1 IN ON GO							-						-	
GEORGIANNA	SNOWFALL 1 IN ON GO							T						T	
GILBERTOWN	SNOWFALL 1 IN ON GO							1.7						1.7	
GREENVILLE	SNOWFALL 1 IN ON GO							T	T					T	
HEADLAND	SNOWFALL 1 IN ON GO														
HIGHLAND HOME	SNOWFALL 1 IN ON GO							T	T					T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1977 - 1978

ALABAMA

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
HURTSBORO	SNOWFALL 1 IN ON GO							-	-					-	
JACKSON	SNOWFALL 1 IN ON GO							T						T	
KINSTON	SNOWFALL 1 IN ON GO								T					T	
LOUISVILLE	SNOWFALL 1 IN ON GO														
MELVIN	SNOWFALL 1 IN ON GO							-						-	
NEWTON	SNOWFALL 1 IN ON GO														
OZARK 6 NNW	SNOWFALL 1 IN ON GO							T						T	
PINE APPLE	SNOWFALL 1 IN ON GO														
PITTSVIEW	SNOWFALL 1 IN ON GO							T	T					T	
RIVER FALLS	SNOWFALL 1 IN ON GO							-	-					-	
THOMASVILLE	SNOWFALL 1 IN ON GO							.S						.S	
TROY	SNOWFALL 1 IN ON GO														
WALLACE 2 E	SNOWFALL 1 IN ON GO							T						T	
WHATLEY	SNOWFALL 1 IN ON GO							T						T	
. . .															
GULF	08														
BAY MINETTE 3 NNW	SNOWFALL 1 IN ON GO							T	T					T	
COOEN	SNOWFALL 1 IN ON GO														
ORUPHIN ISLAND 2	SNOWFALL 1 IN ON GO														
FAIRHOPE 2 NE	SNOWFALL 1 IN ON GO								T					T	
MOBILE WSO AP	SNOWFALL 1 IN ON GO							.4	T					.4	
ROBERTSOALE	SNOWFALL 1 IN ON GO							T						T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
JULY 1978

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	95 67	92 66	90 68	91 64	89 68	86 69		92 68	93 67	90 67	85 63	89 65	90 66		91 64	85 65	88 60	92 65	95 68	93 65		94 66	94 66	95 67	95 66	92 70	88 65		93 68	95 65	91.2 66.1		
BELLE MINA 2 N	MAX MIN	95 70	95 69	93 68	89 70	91 68	89 68	86 70	90 70	93 71	93 70	91 69	86 65	88 66	89 66	85 67	86 63	89 62	92 63	94 69	93 68	93 68	92 67	96 70	95 70	90 66	90 66	89 67	88 67	91 69	95 72	90.8 67.8		
FALKVILLE 1 E	MAX MIN	98 69	97 65	95 67	93 66	94 64	91 66	89 65	93 68	95 68	91 67	86 63	90 63	88 65	89 65	86 65	85 60	88 65	93 65	94 68	94 67	91 67	92 70	95 71	90 71	93 72	95 70	87 68	87 65	93 69	96 68	91.5 66.1		
HUNTSVILLE WSO AP	MAX MIN	96 72	95 69	89 70	91 71	88 72	85 72	89 71	93 71	93 72	92 72	85 70	89 69	86 70	88 69	86 65	89 65	93 67	94 70	93 71	93 70	92 71	94 72	94 71	89 70	90 68	88 70	86 68	91 69	96 73	93 70	90.5 69.9		
MOULTON 2	MAX MIN	97 72	94 68	95 69	95 70	92 67	91 69	92 71	95 71	96 70	93 69	85 70	92 64	88 70	88 71	88 67	91 63	96 61	96 69	95 70	93 68	94 70	97 69	96 70	92 72	90 69	91 69	90 67	95 69	99 74	93.1 68.8			
MUSCLE SHORLS FAR AP	MAX MIN	98 73	94 71	94 71	95 72	91 72	92 72	95 74	95 75	97 73	94 73	86 72	90 69	93 70	86 70	86 72	89 69	91 67	93 70	91 71	93 70	93 70	95 72	93 71	95 70	87 71	93 66	90 68	89 69	94 73	93 70	92.1 70.7		
RED BAY	MAX MIN	98 68	97 66	94 65	92 65	97 68	94 65	95 70	93 71	87 73	93 67	97 70	92 68	89 71	88 68	93 66	94 64	96 71	94 72	95 75	94 69	96 69	95 69	91 71	97 67	94 67	93 70	94 71	91 64	96 72	93.8 69.0			
RUSSELLVILLE 2	MAX MIN	93 69	92 65	91 70	90 67	91 64	90 65	89 69	90 69	89 69	93 67	90 62	81 62	88 63	87 66	87 67	85 60	84 57	90 58	93 65	91 64	89 64	93 64	94 65	92 65	87 65	94 69	89 62			98 71	90.0 65.0		
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW	MAX MIN	98 70	96 72	94 72	95 67	96 69	92 72	95 75	97 73	98 74	95 70	90 67	90 69	93 67	93 69	88 68	88 70	94 65	97 64	96 69	95 69	95 69	97 67	97 68	98 71	96 68	98 73	92 69	95 68	97 70	95 69	94.6 69.4		
BIRMINGHAM WSO AP	MAX MIN	96 72	95 70	94 75	95 69	93 71	86 76	91 76	94 73	96 74	96 72	88 70	92 72	87 70	90 71	86 68	90 68	92 70	92 71	91 70	91 71	90 71	93 70	93 71	92 70	90 71	87 70	88 70	92 71	94 71	91.4 71.5			
CUNTERSVILLE	MAX MIN	94 71	96 69	95 70	90 67	92 68	93 66	92 69	95 70	94 69	95 66	95 62	95 65	92 66	89 66	86 68	94 62	92 66	93 66	90 68	92 69	94 70	96 70	90 76	92 70	93 70	95 67	90 67	94 66	95 69	92.7 68.1			
ONEONTA	MAX MIN	95 70	98 68	93 68	92 67	94 65	89 68	86 69	93 68	95 70	96 68	94 67	86 66	90 68	87 68	90 68	86 61	91 61	93 63	94 67	94 70	95 67	95 70	95 71	94 70	96 70	91 68	94 67	91 71	96 70	92.4 67.7			
SAINT BERNARD	MAX MIN	98 67	94 66	95 68		87 65		94 87	97 72	92 70	89 67	94 65	88 65	87 69	87 65	91 66	91 61	96 66	94 65	96 65	96 65	96 66	96 66	93 66	95 66	93 66	89 65	94 68	91 65	97 68	93.0 66.3			
SAND MT SUBSTA AU	MAX MIN	94 71	95 69	93 69	89 70	91 66	91 72	85 71	90 70	92 69	95 65	94 68	87 64	90 67	85 69	88 71	84 69	86 64	89 64	92 70	93 69	93 69	92 73	94 73	95 69	93 69	90 66	90 68	88 66	92 71	94 69	90.7 68.6		
SCOTTSBORO	MAX MIN																																	
VALLEY HEAD	MAX MIN	92 67	94 65	91 66	88 65	89 62	89 68	93 69	86 65	92 62	93 63	91 61	88 61	87 64	84 65	87 69	84 67	82 48	88 53	91 60	93 66	92 64	92 63	95 66	95 66	91 65	87 63	87 66	84 68	84 62	89 65	93 66	89.4 63.9	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	99 73	98 71	94 73	92 69	94 73	93 71	90 73	93 74	94 70	94 71	95 70	89 71	93 74	95 73	96 70	88 69	86 67	90 67	94 70	95 70	92 70	92 69	94 68	93 69	94 70	94 71	92 68	93 71	91 70	95 70	97 70	93.2 70.5	
BANKHEAD LOCK AND DAM	MAX MIN	100 75	99 73	95 74	93 72	96 74	97 75	95 70	96 73	98 74	100 75	94 70	90 73	97 72	94 72	92 71	91 70	89 68	95 68	98 68	97 72	97 72	95 71	95 72	99 74	96 74	95 73	95 72	94 70	93 72	95 73	101 74	95.5 72.0	
CENTREVILLE WSMO	MAX MIN	97 73	96 67	95 68	93 68	95 70	95 70	90 70	91 70	96 70	97 71	95 69	89 69	90 70	92 69	88 68	88 66	91 66	95 67	93 68	92 68	95 69	94 69	95 69	95 68	92 69	90 68	90 67	94 69	97 67	92.8 68.8			
CLANTON	MAX MIN	98 71	97 66	94 66	93 68	97 67	95 70	88 70	92 66	95 67	98 69	95 66	93 67	90 68	88 67	89 66	90 62	93 64	95 67	94 64	93 67	91 65	92 65	95 66	95 66	92 67	88 66	91 68	91 64	94 67	93.4 67.0			
DOUBLE SPRINGS	MAX MIN	96 70	96 66	91 67	92 66	94 67	92 69	89 70	91 69	93 68	95 67	90 66	85 64	89 65	91 65	89 64	88 63	88 63	93 63	95 67	93 66	92 65	94 66	95 66	93 66	93 66	92 66	93 64	92 64	95 69	99 68	92.0 66.1		
FAYETTE	MAX MIN																																	
HALEYVILLE 3 NE	MAX MIN	94 69	91 65	91 67	93 67	92 65	91 68	93 68	92 70	94 68	92 67	83 67	90 64	90 67	89 64		87 64	87 62	91 60	93 67	92 67	89 65	91 64	92 64	92 66	92 66	91 66	90 65	88 63	93 63	95 63	92 67	91.0 65.6	
HAMILTON 3 S	MAX MIN	99 70	95 65	93 65	93 66	95 65	93 65	92 66	95 69	93 67	96 67	94 67	89 64	94 68	94 68	90 64	88 61	94 58	95 65	97 65	95 66	95 65	95 65	96 66	95 65	92 66	95 66	90 64	93 64	99 64	99 65	93.9 65.1		
JASPER 4 N	MAX MIN	97 72	97 74	93 68	94 64	92 66	94 66	94 68	94 70	96 68	95 68	88 64	92 66	93 68	88 68	86 64	92 63	95 60	97 63	94 67	94 65	95 65	97 64	97 66	95 66	95 65	92 66	92 66	95 68	100 65	95 60	93.9 66.3		
THORSBY EXP STATION	MAX MIN	95 73	93 68	92 74	95 69	91 71	92 72	91 69	94 71	96 72	97 71	90 68	94 72	92 71	88 70	89 68	93 67	96 70	95 68	94 68	93 69	92 68	96 67	95 70	95 69	89 68	89 68	90 68	92 68	96 71	90 68	93.0 69.5		
TUSCALOOSA FAR AP	MAX MIN	98 76	95 74	92 77	95 73	94 75	90 75	92 76	94 75	95 76	93 77	88 72	92 73	91 77	88 75	88 75	93 70	96 69	97 75	94 74	92 73	97 72	97 70	97 72	95 72	95 72	93 71	95 72	97 72	100 72	96 71	93.8 73.8		
TUSCALOOSA OLIVER DAM	MAX MIN	99 74	96 71	94 71	90 70	95 73	94 73	90 73	93 73	95 73	94 70	87 70	92 73	91 73	89 72	87 70	92 67	95 68	96 73	94 72	93 72	97 70	96 70	96 72	96 72	93 71	92 71	92 71	96 72	99 71	93.4 71.4			
VERNON 2 N	MAX MIN	98 72	98 73	95 73	94 65	95 68	93 65	90 71	93 70	96 71	95 69	94 68	86 65	92 69	93 68	80 71	89 63	90 61	96 62	95 66	94 66	93 65	94 66	94 66	94 66	91 66	88 67	93 66	99 67	97 69	93.1 67.7			
WINFIELD 2 SW	MAX MIN	98 72	96 67	92 69	93 65	95 66	92 69	90 71	92 69	92 67	95 68	95 67	95 65	91 66	92 68	88 69	98 64	86 63	90 61	93 63	94 67	93 67	92 65	95 65	95 66	93 66	92 66	90 65	93 65	96 65	98 69	93.2 66.5		
EASTERN VALLEY 04																																		
ANNISTON FAR AP	MAX MIN	98 73	97 71	92 72	93 71	94 68	84 74	93 71	95 70	98 71	96 71	89 69	89 72	92 74	87 72	91 68	94 67	92 66	91 67	93 69	95 69	96 71	96 72	96 72	94 70	91 68	89 70	92 69	96 72	98 71	99 71	92.9 70.5		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
JULY 1978

STATION		DAY OF MONTH																																AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
CALEERA 2 SW		93	71	94	66	94	68	98	68	90	65	90	69	93	67	98	68	94	70	85	67	96	68	90	68	92	67	87	68	90	67	91	67	93.7
CENTRE 4 SW		95	70	97	70	93	69	94	67	93	73	87	70	91	68	94	68	96	70	90	65	89	70	87	69	94	69	95	66	93	66	92.0		
CHILDOERSBURG WTR PLANT		97	72	94	69	94	70	94	74	95	91	94	70	93	68	88	91	91	70	89	66	90	68	94	68	92	68	93	68	95	67	92.7		
GROSOEN STEAM PLANT		95	71	94	70	92	69	93	71	93	71	93	72	95	69	88	91	86	73	85	71	90	67	92	70	93	70	96	70	90	67	91.7		
TALLADEGA		92	68	92	68	86	70	90	63	95	66	92	67	96	75	98	66	97	76	91	67	92	66	88	66	91	65	89	63	92	63	91.9		
PIEDMONT PLATEAU 05		98	72	95	69	95	71	94	70	94	73	88	70	92	69	98	72	98	70	91	71	92	70	88	69	94	70	95	70	94	68	93.0		
ALEXANDER CITY		98	72	95	69	95	71	94	70	94	73	88	70	92	69	98	72	98	70	91	71	92	70	88	69	94	70	95	70	94	68	93.0		
ASHLAND 2 SSE		93	70	94	68	88	69	91	68	92	69	82	68	90	66	95	68	88	68	90	66	80	66	85	66	93	66	94	66	92	66	90.1		
AUBURN AGRONUMY FARM		101	75	99	73	95	77	94	75	96	93	85	72	94	73	97	73	96	67	92	71	86	68	89	72	93	70	90	69	96	71	92.0		
HEFLIN		98	74	95	70	97	68	91	65	94	65	84	68	90	66	94	69	97	67	89	74	90	68	89	67	91	62	95	65	92	64	92.2		
LAFAYETTE		97	71	97	69	92	69	94	68	91	74	94	70	94	69	98	71	94	69	91	71	89	69	89	66	94	70	92	68	96	67	92.9		
MARTIN DAM		98	70	97	70	94	73	93	70	93	73	87	70	90	68	94	70	91	69	91	70	88	69	94	70	92	68	92	68	90	69	91.5		
OPELIKA		98	75	97	75	96	72	92	70	94	71	85	69	92	70	89	69	94	68	90	70	89	69	92	67	95	65	93	64	92	64	91.6		
ROCKFORD 2 NW		98	65	94	64	92	62	94	62	94	63	87	62	91	64	98	65	98	66	92	66	86	65	87	62	94	61	90	59	92	60	92.0		
ROCK MILLS		99	67	99	72	96	73	93	67	96	73	83	68	92	66	99	68	99	68	92	72	90	69	88	67	94	66	96	65	94	67	93.8		
PRAIRIE 06		99	72	95	70	96	72	96	70	91	96	96	72	92	70	96	72	93	71	92	72	89	69	96	72	95	72	96	71	90	70	93.3		
DAYTON 1 N		99	72	95	70	96	72	96	70	91	96	96	72	92	70	96	72	93	71	92	72	89	69	96	72	95	72	96	71	90	70	93.3		
DEMOPOLIS LOCK AND DAM		98	73	95	70	96	71	94	71	92	72	92	73	90	70	96	73	90	73	91	70	89	69	92	70	95	71	96	71	92	71	92.6		
GAINESVILLE		97	75	96	75	92	74	94	71	94	94	92	73	92	73	95	90	90	75	92	75	88	69	91	69	94	69	91	70	93	71	93.1		
GREENSBORO		97	71	94	69	95	69	92	71	93	92	92	71	96	72	97	73	91	72	92	72	93	71	90	67	94	73	96	69	92	70	94.4		
HAYNEVILLE		97	75	98	76	98	75	99	75	96	96	97	73	97	75	98	74	96	74	94	74	92	74	88	68	94	72	92	71	93	73	93.4		
LIVINGSTON 2 SW		102	66	100	67	98	70	99	71	99	99	94	72	98	70	99	68	96	73	95	92	93	68	95	65	97	71	90	68	93	70	95.2		
MARION JUNCTION 2 NE		98	74	96	72	96	71	95	72	95	95	89	72	92	72	96	74	95	69	92	72	88	67	93	68	97	69	95	65	94	68	92.7		
WINTER 3 NW		93	73	98	71	96	70	93	70	91	95	93	73	90	71	92	68	90	73	91	70	89	66	90	67	95	70	93	68	90	69	93.8		
MONTGOMERY WSO AP		96	75	95	73	95	74	96	73	93	96	95	73	90	74	90	92	87	72	90	74	90	91	65	93	72	92	71	94	72	91	92.0		
SELMA		98	76	97	74	99	72	96	73	94	98	95	74	94	74	95	94	94	73	94	74	96	69	91	72	93	70	95	69	91	71	92.3		
UNION SPRINGS 4 S		98	73	99	74	96	73	94	74	93	94	90	72	94	71	97	95	94	70	90	70	88	69	92	70	95	72	96	69	90	69	93.1		
COASTAL PLAIN 07		97	69	96	72	94	69	92	69	97	68	90	67	92	66	94	67	89	67	91	68	89	69	92	67	90	66	92	66	90	69	91.0		
ANDALUSIA 1 NW		95	75	95	75	95	75	93	71	95	93	96	73	90	72	93	92	90	71	92	72	89	69	92	73	94	70	85	70	90	72	91.6		
ATHORE		98	76	96	75	96	75	98	74	96	94	95	74	94	74	95	94	94	73	94	73	92	72	93	72	94	71	95	70	91	71	93.8		
BEATRICE 1 E		99	74	99	70	95	69	97	70	99	65	92	71	93	70	96	69	91	71	92	72	89	67	93	68	94	71	95	69	90	70	93.5		
BHANTLEY		96	74	96	71	96	69	95	71	96	93	95	72	90	72	96	69	90	72	90	72	89	69	91	71	93	70	90	68	91	69	92.0		
BREWTON 3 ENE		100	73	100	68	101	72	95	72	97	93	92	71	96	71	96	69	93	71	92	72	88	69	90	72	91	68	90	69	91	69	93.6		
BREWTON 3 SSE		99	73	96	73	96	70	98	71	97	98	95	74	97	72	98	70	90	72	92	72	89	69	93	70	96	72	90	68	90	69	94.1		
CAMDEN 3 NW		98	70	98	72	98	77	96	70	96	96	92	72	94	70	94	95	94	72	90	70	91	66	90	71	93	70	89	68	90	69	93.2		
CHATOM 4 N		98	70	98	72	98	77	96	70	96	96	92	72	94	70	94	95	94	72	70	70	91	66	90	71	93	70	89	68	90	69	93.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
JULY 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	93 73	94 70	93 71	93 69	90 70	92 71	84 69	87 71	89 71	92 72	90 69	90 69	90 71	86 68	89 70	91 69	87 68	91 69	92 73	94 72	92 70	91 69	93 68	95 69	95 68	87 69	80 68	82 68	86 71	88 69	91 67	89.9 69.7
ENTERPRISE 5 NNW	MAX MIN	95 71	96 68	93 73	95 72	92 71	93 71	85 72	90 72	91 72	92 73	89 70	91 71	90 71	87 71	91 71	90 71	91 70	92 72	95 72	94 69	91 69	90 71	94 71	95 71	94 70	90 70	79 71	85 71	87 73	90 71	89 68	90.8 70.9
EUFULA WILDLIFE REF	MAX MIN	96 74	97 75	98 69	97 69	96 70	94 75	86 64	95 69	95 68	95 72	97 74	95 71	95 70	90 69	93 72	94 72	92 67	95 68	96 70	93 65	94 70	93 65	96 60	98 63	98 66	95 67	91 72	85 72	95 72	96 72	96 68	94.4 69.4
EVERGREEN	MAX MIN	97 74	97 72	98 72	99 71	94 70	96 73	90 70	90 71	94 70	94 73	91 69	91 72	90 70	89 70	93 72	90 68	88 68	91 71	94 71	92 70	91 69	87 69	92 69	92 67	91 70	88 70	85 71	90 72	86 70	90 69	88 69	91.5 70.4
FRISCO CITY	MAX MIN	97 73	96 74	95 74	96 68	96 68	96 70	90 71	95 71	95 72	95 73	93 70	93 71	93 72	92 70	93 71	93 72	90 72	90 69	90 70	94 72	94 70	90 71	90 69	91 68	90 70	89 69	87 71	85 66	88 68	87 70	90 68	92.0 70.4
GENEVA 2	MAX MIN	96 72	96 71	94 74	95 74	94 70	95 72	90 72	91 71	93 71	93 71	91 70	92 73	92 71	89 72	91 71	91 72	90 70	93 71	92 72	92 70	91 69	90 71	93 72	92 70	92 70	88 70	78 70	85 70	88 71	92 67	89 67	91.2 71.0
GILBERTOWN	MAX MIN	97 70	97 68	99 73	95 70	96 69	92 72	93 73	95 70	95 70	94 73	92 68	90 72	93 71	94 72	93 69	90 65	92 67	96 68	95 71	94 68	90 66	95 66	93 66	94 66	92 66	90 66	91 66	88 68	90 67	94 65	91 68	93.2 69.0
GREENVILLE	MAX MIN	96 70	96 71		97 72	95 71	98 70	97 70	90 70	96 71	95 69	85 68	89 72	89 71	88 72	89 70	90 69	88 71	93 67	94 72	92 73	90 68	91 66	94 66	92 66	90 67	92 66		90 73	90 74	90 69	91 69	91.9 70.0
HEADLAND	MAX MIN	94 75	95 71	91 75	95 71	91 71	87 72	88 71	90 71	93 72	94 73	95 70	93 72	90 70	92 70	94 73	92 70	96 71	93 70	91 71	92 70	92 71	93 72	94 72	95 70	98 68	83 74	85 68	86 71	92 71	91 69	91.8 71.1	
HIGHLAND HOME	MAX MIN	97 70	97 70	95 73	95 71	95 70	97 70	90 70	93 70	96 71	97 73	94 68	92 72	90 70	89 70	92 70	94 69	94 69	97 69	93 69	95 67	94 67	95 67	94 66	95 66	95 66	92 66	88 66	92 71	88 72	93 71	95 68	93.5 69.7
OZARK 6 NNW	MAX MIN	94 70	91 69	93 73	92 70	93 70	85 70	90 70	92 71	95 72	89 71	92 69	96 72	88 70	91 70	90 71	90 70	95 70	93 70	92 71	91 68	91 68	93 70	94 71	93 70	80 69	85 70	86 71	90 72	92 67	80 67	90.5 70.0	
PITTSVIEW	MAX MIN																																
THOMASVILLE	MAX MIN	98 69	97 70	96 71	98 68	97 67	94 67	92 68	91 68	95 69	96 70	96 65	92 65	92 68	92 68	93 69	89 66	90 64	92 63	95 69	94 67	93 66	88 63	94 63	94 63	93 63	87 65	85 63	90 63	90 65	93 65	95 66	92.9 66.5
TROY	MAX MIN	95 75	94 70	94 73	94 70	95 70	87 71	91 69	93 68	94 73	90 71	90 69	88 73	87 71	89 70	91 73	88 69	92 69	93 72	93 71	92 70	92 70	95 71	94 70	93 70	89 70	83 70	86 70	86 71	86 72	92 68	78 67	90.5 70.6
WHATLEY	MAX MIN																					90	90	91	91	90	95	95	95	94	91	90	
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	97 73	96 74	96 75	94 70	95 69	94 74	92 71	93 72	94 72	94 72	89 70	93 71	92 70	93 70	92 71	91 68	93 69	94 72	94 73	92 70	90 68	91 70	87 69	89 68	86 70	82 72	90 66	89 73	90 70	86 73	91 69	91.6 70.8
CODEN	MAX MIN	91 72	91 77	91 77	91 73	90 70	91 74	90 72	90 72	91 72	87 73	88 73	88 73	89 74	87 72	90 73	91 70	91 69	91 72	86 74	88 73	88 72	87 71	90 73	88 73	81 72	80 70	87 71	86 74	91 71	88 73	88 72	88.7 72.5
ORUPHIN ISLAND 2	MAX MIN	90 81	92 81	90 81	91 79	90 75	90 80	90 76	89 79	92 79	96 80	92 78	91 79	89 74	89 79	91 77	86 75	89 81	90 79	91 72	91 77	88 78	91 81	88 75	84 73	81 70	81 73	82 75	86 77	86 74	89 77	83 72	88.5 77.0
FAIRHOPE 2 NE	MAX MIN	90 72	92 78	92 80	92 80	92 72	88 72	92 73	89 72	90 74	91 74	90 73	88 72	90 72	90 72	90 72	87 72	90 71	91 72	93 73	90 73	92 73	87 73	89 72	81 70	88 70	83 70	77 69	85 71	88 74	89 71	79 70	88.5 72.5
MOBILE WSO AP	MAX MIN	94 76	95 78	96 79	98 74	93 73	95 75	93 74	94 75	93 76	93 74	87 74	93 70	90 73	93 74	91 74	92 75	94 75	94 75	93 75	92 74	87 76	90 75	85 74	90 72	81 74	83 72	88 71	90 76	91 75	87 71	92 74	91.2 74.3
ROBERTSDALE	MAX MIN	91 72	93 74	93 77	92 78	91 71	90 71	92 73	90 73	91 73	93 74	90 74	89 72	91 73	91 72	92 72	89 72	91 71	92 71	93 73	92 73	91 73	88 74	89 72	86 71	87 71	83 71	78 71	86 72		90 70	89.8 72.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1977 - 1978

ALABAMA

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY - JUNE
NORTHERN VALLEY 01														
ATHENS 2	0	0	5	249	368	784	1112	943	569	116	83	0	4229	
BELLE MINA 2 N	0	0	5	246	374	765	1080	900	567	140	69	0	4146	
FALKVILLE 1 E	0	0	4	279	355	732	1041	899	558	155	78	0	4101	
HUNTSVILLE WSO AP	0	0	4	216	367	721	1062	855	514	129	60	0	3928	3302
MOULTON 2	0	0	0	210	333	668	1026	841	476	108	49	0	3711	
MUSCLE SHOALS FAA AP	0	0	3	153	307	691	1060	884	520	114	65	0	3797	3199
RED BAY	0	0	0	162	270			811	482	93	41	0		
RUSSELLVILLE 2	0	0	5	317	443	878	1128	991	567	181	100	2	4612	
APPALACHIAN MOUNTAINS 02														
BESSEMER 3 WSW	0	0	0	151	322	641	952	744	408	89	27	0	3334	
BIRMINGHAM WSO AP	0	0	0	176	292	640	967	768	452	120	42	0	3457	2844
GUNTERSVILLE	0	0	0	198	389	710	977	808	501	131				
ONEONTA	0	0	3	231	345	738	1032	845	555	160	61	0	3970	3233
SAINT BERNARD	0	0	3	272	359	766	1062	853	527		54	0		3374
SAND MT SUBSTA AU	0	0	5	249	383	786	1096	886	579	159	80	0	4223	
SCOTTSBORO	0	0	5	254	387	767	1045	832	560	166	82	0	4098	3341
VALLEY HEAD	0	0	8	326	416	833	1092	901	621	241	124	3	4565	3755
UPPER PLAINS 03														
ALICEVILLE	0	0	0	189	294	583	938	787	481	102	28	0	3402	
BANKHEAD LOCK AND DAM	0	0	0	187	314	678	959	804	466	89	20	0		
CENTREVILLE WSMO	0	0	0	168	279	661	916	759	451	85	27	0	3346	
CLANTON	0	0	0	170	286	660	914	746	450	103	24	0	3353	2776
DOUBLE SPRINGS	0	0	2	253	335	712	1067	888	510	126	76	0	3969	
FAYETTE	0	0	0	190	310	694	962	816	425	83	42	0		
HALEYVILLE 3 NE	0	0	1	255	358	693	1044	837	474	122	62	0	3846	2887
HAMILTON 3 S	0	0	0	274	369	763	1049	895	593	174	79	0	4196	3283
JASPER 4 N	0	0	1	240	365	747	1024	844	540	138	65	0	3964	
PRATTVILLE														2280
THORSBY EXP STATION	0	0	0	131	250	590	875							
TUSCALOOSA FAA AP	0	0	0	211	328	693	963	682	363	72	13	0	2976	
TUSCALOOSA OLIVER DAM	0	0	0	153	262	620	915	747	458	93	27	0	3275	2626
VERNON 2 N	0	0	0	224	322	716	990	841	518	130	61	0	3802	
WINFIELD 2 SW	0	0	1	260	362	729	1011	840	546	135	62	0	3946	
EASTERN VALLEY 04														
ANNISTON FAA AP	0	0	1	167	274	625	936	727	423	101	33	0	3287	
CALERA 2 SW	0	0		162		595	901	735	426	107	19	0		
CENTRE 4 SW	0	0	3	237	350	726	1005	806	530	142	53	0	3852	
CHILDERSBURG WTR PLANT	0	0	0	153	228	566	867	688	379	95	18	0	2994	
GAOSDEN STEAM PLANT	0	0	4	208	330	712	976	809	534	132	48	0	3753	3059
TALLADEGA	0	0	0	203	226	627	915	744	423	110	35	0	3283	2760
PIEDMONT PLATEAU 05														
ALEXANDER CITY	0	0	0	127			870	691	398					
ASHLAND 2 SSE	0	0	4	214	332	714	999	808	543	82	16	0		
AUBURN AGRONOMY FARM	0	0	0	152	239	621	853	696	418	155	59	0	3828	
HEFLIN	0	0	0	260	374	729	1024	796	550	146	69	0	3064	
LAFAYETTE	0	0	0	149	216	581	904	671	358	85	20	0	2984	
MARTIN DAM	0	0	0	132	210	579	868	688	403	96	18	0	2994	
OPELIKA	0	0	0	172	253	662	976	715	466	122	49	0	3315	
ROCKFORD 2 NNW	0	0	0	183	294	664	935	747	467	117	36	0	3443	
ROCK MILLS	0	0	1	193	313	667	930	738	475	121	36	0	3474	2886

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1977 - 1978

ALABAMA

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMAL 5 JULY-JUNE
<div style="text-align: center;">                     . . .                      PRAIRIE 06                 </div>														
DAYTON 1 N	0		0	125	243	562	890	697			13	0		
DEMOPOLIS LOCK AND DAM	0	0	0	190	313	640	885	727	426	81	19	0	3281	
GAINESVILLE	0	0	0	147	261	617	892	738	422	85	18	0	3180	
GREENSBORO	0	0	0	122	218	561	872	669	388	70	11	0	2911	2260
HAYNEVILLE	0	0	0	69	124		807	691	382		5	0		
LIVINGSTON 2 SW	0	0	0	168	221	564	851	692	395	84	1	0	2976	
MARION JUNCTION 2 NE	0	0	0	182	289	647	911	757	433	88	23	0	3330	
MINTER 3 NW	0	0	0	135	237	596	861	685	378	71	9	0	2972	
MONTGOMERY WSO AP	0	0	0	87	164	479	756	601	326	50	2	0	2465	2269
SELMA	0	0	0	95	167	466	792	586	281	45	1	0	2433	2000
UNION SPRINGS 4 S	0	0	0	159	235	556	858	684	399	86	7	0	2984	2262
<div style="text-align: center;">                     . . .                      COASTAL PLAIN 07                 </div>														
ANDALUSIA 1 NW	0	0	0	224	291	603	797	671	389	73	12	0	3060	2054
ATMORE	0	0	0	82	148	449	725	572	274	28	4	0	2282	
BEATRICE 1 E	0	0	0	96	136	510	794	675	329	15	0	0	2555	
BRANTLEY	0	0	0		206	590	817	648	362	55	3	0		
BREWTON 3 ENE	0	0	0	139	202	521	766	648	326	35	6	0	2643	
BREWTON 3 SSE	0	0	0	133	187	500	734	556	267	42	0	0	2419	1934
CAMDEN 3 NW	0	0	0	159	224	595		718	372	61	22	0		
CHATOM 4 N	0	0	0	88	152	436	732	564	248	33	6	0	2259	
CLAYTON	0	0	0	136	217	545	839	673	349	57	5	0	2821	
ENTERPRISE 5 NNW					201	516	777	617	313	43	0	0		
EUFULA WILDLIFE REF	0	0	0	142	159	476	795	652	351	77	10	0	2662	2133
EVERGREEN	0		0	116	215	547	800	649	347	35	7	0		2198
FRISCO CITY	0	0	0	109	194	522	823	664	346	46	7	0	2711	
GENEVA 2	0	0	0	116	196	484	744	605	287	39	0	0	2471	
GILBERTOWN	0	0	0	164		514	749	616	324	51	5	0		
GREENVILLE				169	233	578	853	684	376	75	7	0		2000
HEADLAND	0		0	145	230	528	770	626	308	42	0	0		
HIGHLAND HOME	0	0	0	131	234	562	843	666	358	65	9	0	2868	2167
OZARK 6 NNW	0	0	0	81	166	455	723	574	269	39	0	0	2307	1859
PITTSVIEW	0	0	0	203	289	625	925	716	424	102	23	0	3307	
THOMASVILLE	0	0	0	133	226	566	844	684	351	63	14	0	2881	2285
TROY	0	0	0	92	189	503	780	597	315	55	1	0	2532	2024
WHATLEY	0	0	0	148	197		779	625	305	35	14	0		
<div style="text-align: center;">                     . . .                      GULF 08                 </div>														
BAY MINETTE 3 NNW		0	0	75	139	426	720	541	257	28	1	0		1661
COHEN	0	0	0	84	150	397	683	541	281	32	1	0	2169	
DAUPHIN ISLAND 2	0	0	0		83	335	653	547		2	0	0		
FAIRHOPE 2 NE	0	0	0	86	144	441	731	586	292	23	3	0	2306	1573
MOBILE WSO AP	0	0	0	73	149	439	731	551	268	16	0	0	2227	1684
ROBERTS LAKE	0	0	0	84	144	440	697	573	291	24	3	0	2256	1664

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
JULY 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)	2 MAX	110	109	106	105	99	103	92	104	103	106	106	104	104	90	98	95	101	107	105	104	104	92	110	111	108	104	97	92	92	96	95	101.7
		MIN	82	80	82	75	78	80	77	80	79	78	79	78	77	75	77	76	75	79	79	80	79	72	81	81	82	77	77	75	74	75	75	77.9
	(IN)	4 MAX	102	101	99	97	94	97	90	96	97	99	101	109	99	88	92	90	97	100	100	100	98	88	103	103	104	109	94	91	87	90	90	96.9
		MIN	83	81	83	76	79	81	80	80	80	79	81	81	79	78	76	76	77	80	82	82	80	74	82	82	84	81	80	77	75	76	75	79.3
	(IN)	8 MAX	96	94	94	91	89	91	87	91	92	93	95	93	93	85	89	86	91	94	95	95	93	86	96	97	97	104	90	86	83	86	86	91.5
		MIN	85	83	84	78	79	81	81	80	82	81	82	83	81	79	77	78	78	81	83	83	82	77	83	84	86	83	82	79	77	77	77	80.8
BREWTON 3 ENE	(IN)	4 MAX	100	102	104	104	100	101	101	95	103	103	99	97	96	102	102	101	91	99	99	94	93	90	91	90	86	88	86	94	93	93	84	96.2
		MIN	85	85	84	84	78	78	78	78	80	81	78	78	78	78	81	77	77	77	78	77	77	77	76	75	75	76	76	76	77	77	75	78.3
HEADLAND	(IN)	4 MAX	95	94	92	96	94	96	88	96	97	96	100	102	90	90	94	93	95	95	92	92	92	95	95	98	99	95	86	88	87	90	90	93.6
		MIN	81	81	80	82	80	80	80	80	82	84	82	81	81	80	77	81	82	81	80	78	79	80	81	84	84	70	79	79	79	81	79	80.3
PITTSVIEW	(IN)	4 MAX	99	99	94	96	94	92	86	95	98	100	99	99	99	94	97	97	92	94	95	95	95	96	99	100	98	97	92	84	89	92	-	95.2
		MIN	84	77	90	80	80	81	80	79	81	82	82	82	82	82	81	81	80	79	81	79	80	81	81	85	83	82	82	80	79	81		81.2
THORSBY EXP STATION	(IN)	4 MAX	95	96	96	100	100	100	98	97	99	100	95	99	96	97	95	95	98	100	100	99	100	97	100	101	101	94	96	90	93	95	91	97.2
		MIN	82	80	81	81	81	83	81	83	83	83	80	83	84	83	81	80	78	80	83	81	82	80	80	82	81	80	81	78	78	78	78	80.9
WINFIELD 2 SW	(IN)	4 MAX	100	95	90	96	97	97	95	94	93	95	95	85	91	92	85	88	89	94	95	96	96	95	98	99	99	96	96	93	97	98	98	94.4
		MIN	86	78	80	80	81	82	82	81	81	81	80	76	79	79	78	76	75	81	81	81	82	80	82	84	83	80	81	80	82	84	85	80.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
JULY 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE W50 AP		EVAP	.28	.27	-	.33	.29	.23	.27	.25	.23	.31	.18	.13	.22	.15	.23	.22	-	.27	.41	.27	.36	.35	.33	.29	.27	.18	.25	.13	.31	.35	.33	8.228
		WIND	42	65	78	52	51	90	64	31	47	46	46	43	58	44	46	80	82	39	53	41	71	39	41	39	62	30	61	28	36	33	78	1618
		MAX	101	101	98	101	103	99	102	106	103	102	94	105	100	91	93	93	97	103	103	102	103	101	106	103	97	104	100	100	101	101	85	99.9
		MIN	77	75	75	78	76	76	76	79	72	76	75	72	63	74	79	74	72	72	78	77	76	77	77	81	76	72	78	74	78	79	79	75.6
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.26	-	.28	.29	.29	.22	.24	.24	.19	.26	.22	.21	.24	.23	.13	.14	.25	.31	.22	.24	.32	.25	.33	.29	.30	.22	.22	.23	.26	.30	.42	7.858
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.36	.13	.35	.33	.26	.27	.16	.21	.22	.28	.26	.25	.29	.14	.19	.19	.23	.23	.28	.15	.37	.34	.39	.38	.31	.24	.20	-	.05	.07	.13	7.508
		WIND	21	27	38	39	24	27	41	17	10	26	33	29	31	19	11	34	34	22	18	22	26	22	16	15	26	33	30	48	20	20	26	805
		MAX	105	103	101	98	102	97	93	98	100	102	99	96	97	91	100	93	98	97	100	97	93	95	102	101	97	94	89	88	89	98	98	97.1
		MIN	74	72	76	72	75	72	71	76	76	74	71	71	70	70	73	72	69	70	72	69	72	75	76	74	71	71	69	67	70	75	72	72.2
MARTIN DAM		EVAP	.22	.19	.12	.25	.22	.11	.13	.16	.22	.27	.21	.18	.27	.12	.16	.12	.11	.38	.21	.27	.25	.23	.24	.27	.23	.22	.14	.13	.10	.21	.24	6.18
		WIND	22	26	23	26	26	20	21	19	19	30	30	37	20	22	12	16	36	23	8	13	16	30	26	24	26	30	30	23	19	18	34	725
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.24	.41	.37	.15	.27	.31	.07	.30	.27	.28	-	.17	.28	.34	.17	.15	.23	.28	.24	.23	.31	.27	.24	.37	.19	.20	.08	.27	.11	.26	.24	7.548
		WIND	27	43	38	41	25	25	51	26	20	21	34	1	2	8	7	6	5	58	4	17	29	55	21	17	15	9	8	21	5	15	26	675
		MAX	105	101	101	95	104	105	99	96	105	106	101	101	105	102	102	98	98	101	104	102	98	95	103	105	103	104	86	98	95	102	102	100.7
		MIN	75	75	75	74	74	76	76	75	77	77	72	73	79	78	75	74	72	72	73	75	74	74	73	73	73	74	70	78	75	74	73	74.5
COASTAL PLAIN 07																																		
HEADLAND		EVAP	.42	.18	.18	.29	.16	.24	.12	.22	.23	.22	.16	.26	.20	.21	.24	.17	.25	.23	.21	.24	.25	.29	.23	.24	.23	.20	.11	.14	.14	.20	.28	6.74
		WIND	70	73	74	74	74	74	74	74	75	76	73	73	75	72	72	75	74	73	74	73	72	73	74	75	73	72	70	70	73	73	70	73.1
GULF 08																																		
FAIRHOPE 2 NE		EVAP	.18	.28	.27	.30	-	.24	.23	.12	.20	.23	.16	.08	.20	.13	.17	.15	.21	.27	.27	.24	.23	.12	.14	.09	.16	-	-	.12	.19	.16	-	5.908
		WIND	9	30	36	51	19	31	20	10	10	12	9	5	19	6	12	13	14	18	14	16	19	15	15	12	12	34	3	9	29	8	510	
		MAX	100	105	105	104	100	102	103	95	102	102	99	89	102	99	100	96	100	102	101	104	101	93	94	82	92	93	76	94	98	95	80	97.0
		MIN	74	80	75	79	76	75	76	75	75	79	75	75	75	75	75	75	76	75	73	76	74	74	75	72	72	71	70	71	76	75	72	74.7

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STATION	INDEX NO.	DIVISION	COUNTY	ORINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FFA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTAGAVILLE 3 N	0440	03	AUTAGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELS
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDTIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHESTER	7	34 07	85 44	617	7A	7A		H	DON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EOLSON
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DAOEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DAOEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL DRAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFAULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFAULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M CUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LIND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175	7A	7A			ARLON L OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MIO	MIO	MIO	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400	7A	7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIEO PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LANO
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREDO S ROAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FFA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FAA
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	SP	SP		H	INACTIVE 5/31/77
NEWTON	5875	07	OALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 21	86 32	190		7A			INACTIVE 11/29/77
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MIO		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	OE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLAPOEGA	8024	04	TALLAPOEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW OAM	8213	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAISON	12	34 54	86 44	750					TVA 506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER OAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1040	7A	7A		C H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND OAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SOIL TEMPERATURES TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	: Sumter Clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station	: Fine Loamy	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- | Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

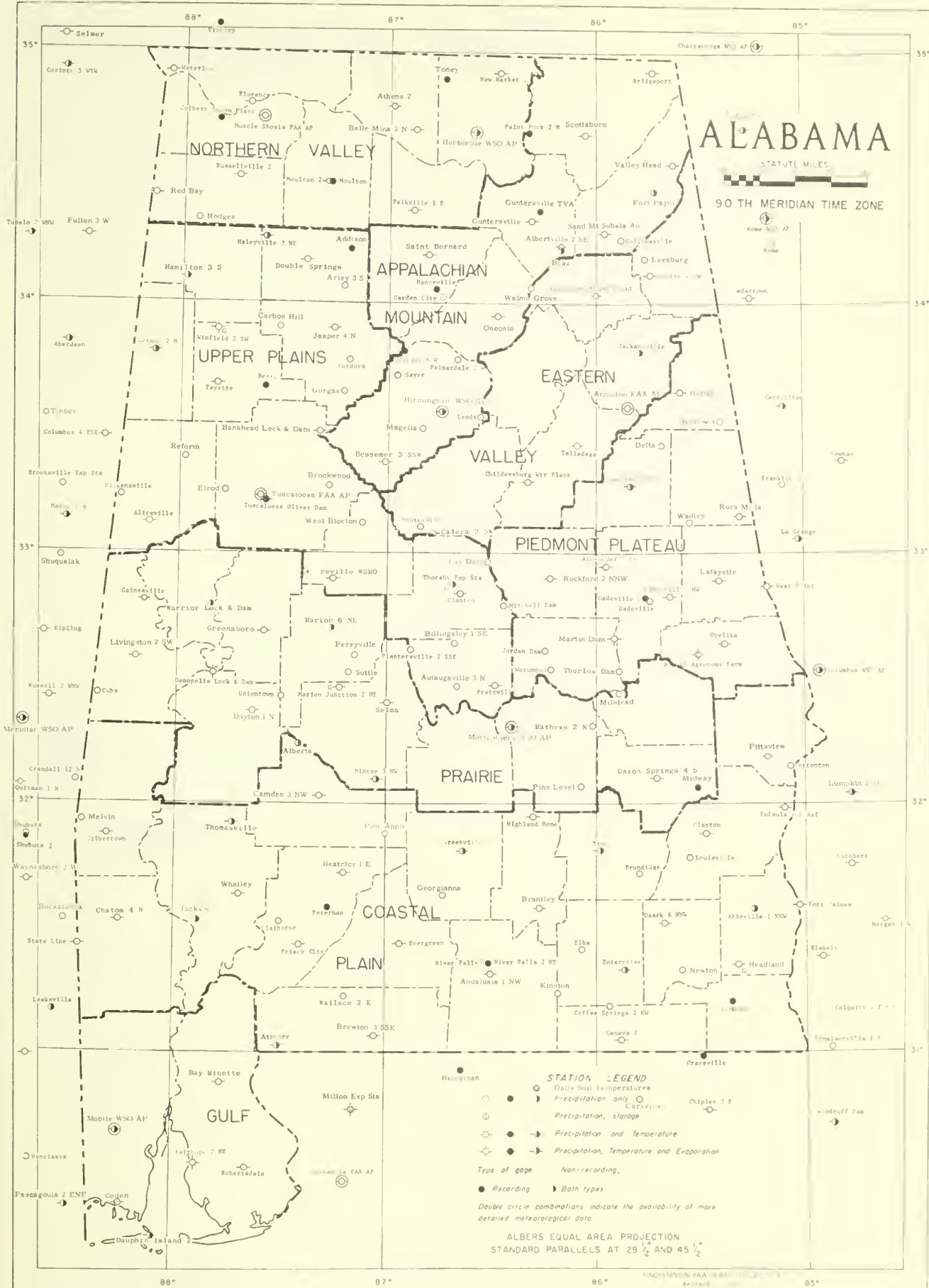
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- + DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary: \$5.55 additional for foreign mailing: 40¢ single copy: 30¢ annual summary. Make checks payable to Department of Commerce, NOAA: send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.





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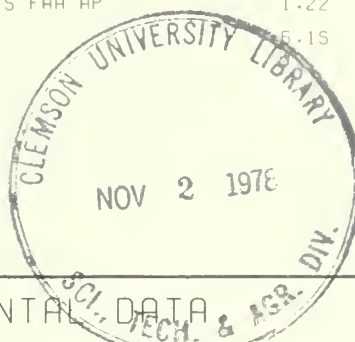
# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: FAYETTE 101 DATE 04  
 LOWEST TEMPERATURE: 7 STATIONS 59 DATE 26+  
 GREATEST TOTAL PRECIPITATION: DAUPHIN ISLAND 2 12.04  
 LEAST TOTAL PRECIPITATION: MUSCLE SHOALS FAA AP 1.22  
 GREATEST 1 DAY PRECIPITATION: PITTSVIEW 8.15 DATE 01



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET		
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL	PERCENT OF POSSIBLE SUNSHINE		AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET		
							CENTRAL															
							00	06	12	18												
BIRMINGHAM WSO AP	11	1.0	5.7	36	NW	04	79	83	61	62	5	5	2	2	0	0	14	70	6.1			
HUNTSVILLE WSO AP	14	1.7	6.1	23++	21	30+	87	90	62	72	10	4	1	2	1	0	18	-	6.2			
MOBILE WSO AP	14	1.6	5.6	25++	3	05	87	90	63	74	4	3	5	4	2	0	18	-	5.8			
MONTGOMERY WSO AP	20	0.9	5.0	29	N	13	82	86	55	61	6	4	1	1	0	1	13	71	4.8			

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
AUGUST 1978

STATION	TEMPERATURE													PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS						
								MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1-10 DR MODE	1-50 DR MODE	1-100 DR MODE				
								32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW														
NORTHERN VALLEY 01																									
ATHENS 2	90.1M	64.4M	77.3M			60 20	0	0	0	0	0	1.74		.90	4	.0	0		4	1	0				
BELLE MINA 2 N	89.6	67.1	78.4		95 28*	64 1	0	17	0	0	0	1.40		.40	9	.0	0		4	0	0				
FALKVILLE 1 E	89.5	64.8	77.2		95 26*	62 25*	0	16	0	0	0	5.98		2.67	9	.0	0		7	5	1				
HUNTSVILLE WSO AP	87.8	69.3	78.6	-.4	95 3	65 31	0	12	0	0	0	3.45	-.01	1.40	8	.0	0		4	3	1				
MOULTON 2	91.4	69.1	80.3		99 26	65 22*	0	20	0	0	0	1.23		.64	12	.0	0		3	1	0				
MUSCLE SHOALS FFA AP	90.0	67.4	78.7	-.5	96 19*	62 31*	0	19	0	0	0	1.22	-2.02	.25	8	.0	0		5	0	0				
RED BAY	92.6	69.2	80.9		98 22*	63 4	0	22	0	0	0	2.95		1.80	4	.0	0		3	2	1				
RUSSELLVILLE 2	88.7M	65.6M	77.2M		95 4	60 1	0	0	0	0	0	3.05				.0	0								
DIVISION			78.6	.0								2.63	-.89			.0									
APPALACHIAN MOUNTAINS 02																									
BESSEMER 3 WSW	92.4	68.6	80.5		98 19	65 31*	0	20	0	0	0	3.27	-.84	1.44	8	.0	0		7	2	1				
BIRMINGHAM WSO AP	88.5	71.0	79.8	.6	93 27*	67 31	0	15	0	0	0	2.09	-2.22	.88	4	.0	0		4	2	0				
GUNTERVILLE	90.8M	66.7M	78.8M		96 1	60 1	0	22	0	0	0	5.14		2.00	9	.0	0		7	3	3				
ONEONTA	90.0	68.0	79.0	1.1	95 4*	64 3*	0	20	0	0	0	5.44	1.33	1.92	17	.0	0		6	5	2				
SAINT BERNARD	90.3	65.5	78.4	.8	96 19	62 14	0	18	0	0	0	3.79	-.09	1.91	2	.0	0		7	3	1				
SAND MT SUBSTA AU	88.3	67.5	77.9		93 19	64 2	0	12	0	0	0	3.19		1.23	1	.0	0		7	2	1				
SCOTTSBORO																									
VALLEY HEAD	87.8	65.2	76.5	.3	96 19	59 2	0	8	0	0	0	4.01	.46	.79	1	.0	0		10	4	0				
DIVISION			78.7	.9								3.85	.06			.0									
UPPER PLAINS 03																									
ALICEVILLE	92.7	69.1	80.9		97 28*	63 31	0	25	0	0	0	3.91	-.63	2.33	13	.0	0		3	2	2				
BANKHEAD LOCK AND DAM	93.1	70.3	81.7		99 19*	65 25	0	24	0	0	0	2.69	-1.36	.76	8	.0	0		6	1	0				
CENTREVILLE WSMO	90.9	67.5	79.2		98 5	64 31	0	22	0	0	0	2.70		.77	1	.0	0		6	1	0				
CLANTON	92.2	65.7	79.0	-.2	99 22	59 25	0	25	0	0	0	1.35	-3.05	1.55	5	.0	0		4	1	0				
DOUBLE SPRINGS	90.4M	65.6M	78.0M		97 4		0	0	0	0	0	3.80		1.35	11	.0	0		6	3	2				
FAYETTE	93.7M	67.8M	80.8M	1.8	101 4	64 23	0	0	0	0	0					.0	0		4						
HALEYVILLE 3 NE	88.5	64.5	76.5	-1.2	95 19	61 22*	0	15	0	0	0	2.72	-1.39	1.20	4	.0	0		5	2	1				
HAMILTON 3 S	92.5	65.0	78.8		99 26*	60 23*	0	22	0	0	0	2.74		1.68	5	.0	0		5	1	1				
JASPER 4 N	91.5	66.9	79.2		98 3*	63 2	0	23	0	0	0	3.88		1.45	9	.0	0		6	3	2				
THORNSBY EXP STATION	90.2	68.1	79.2		96 21*	64 25	0	21	0	0	0	4.97		1.83	10	.0	0		4	3	2				
TUSCALOOSA FFA AP	91.7	72.8	82.3	1.7	97 20	68 31	0	23	0	0	0	3.72	-.10	1.09	13	.0	0		6	4	1				
TUSCALOOSA OLIVER DAM	91.5	70.6	81.1		96 4	68 31*	0	22	0	0	0	3.25	-.46	.81	5	.0	0		7	3	0				
VERNON 2 N	91.6	66.1	78.9		98 19	61 22	0	20	0	0	0	1.83		.72	9	.0	0		4	2	0				
WINFIELD 2 SW	91.4	67.0	79.2		98 19	62 14*	0	21	0	0	0	1.76	-2.05	1.11	9	.0	0		3	1	1				
DIVISION			79.6	.1								3.02	-1.04			.0									
EASTERN VALLEY 04																									
ANNISTON FFA AP	91.5	70.0	80.8		98 25*	64 2	0	21	0	0	0	4.82		1.92	7	.0	0		5	2	2				
CALERA 2 SW	89.6	67.8	78.7		98 2	62 25	0	17	0	0	0	4.98		3.00	8	.0	0		6	3	1				
CENTRE 4 SW	88.4	67.5	78.0		94 21	62 2	0	13	0	0	0	4.88		1.32	26	.0	0		9	3	3				
CHILDERSBURG WTR PLANT	91.7	68.9	80.3		96 27	64 25	0	27	0	0	0	3.12	-1.08	1.38	8	.0	0		3	2	1				
GROESBECK STEAM PLANT	88.9	69.7	79.3	.7	98 5	67 1	0	14	0	0	0	3.83	-.20	1.64	5	.0	0		7	2	1				
TALLADEGA	92.4	67.1	79.8	1.1	99 25	62 25*	0	25	0	0	0	1.93	-1.99	.76	13	.0	0		5	1	0				
DIVISION			79.5	.9								3.93	-.03			.0									
PIEDMONT PLATEAU 05																									
ALEXANDER CITY	90.4	68.4	79.4		95 28*	64 25	0	23	0	0	0	3.92	-.15	1.12	5	.0	0		7	3	1				
ASHLAND 2 SSE	88.1	66.6	77.4		93 21	61 25	0	11	0	0	0	2.71		.67	14	.0	0		9	2	0				
AUBURN AGRONOMY FARM	88.4	69.5	79.0	.3	95 22	66 25*	0	14	0	0	0	5.42	1.35	1.40	22	.0	0		9	5	2				
HEFLIN	89.3	65.8	77.6		95 22	59 2	0	16	0	0	0	4.91		1.30	9	.0	0		8	5	1				
LAFAYETTE	91.1	66.6	78.9		97 22*	60 25	0	24	0	0	0	4.90		1.20	5	.0	0		6	5	1				
MARTIN DAM																									
OPELIKA	89.0	66.4	77.7		95 22	59 24	0	16	0	0	0	4.28		1.29	13	.0	0		8	4	1				
ROCKFORD 2 NNW	89.1				94 22*		0	18	0	0	0	5.02		1.85	5	.0	0		8	4	2				
ROCK MILLS	89.8	66.1	78.0	.6	96 21*	59 24	0	20	0	0	0	4.03	.00	1.37	10	.0	0		8	2	1				
DIVISION			78.3	.3								4.40	.38			.0									
PRAIRIE 06																									
DAYTON 1 N	92.3	68.9	80.6		97 20	65 26*	0	24	0	0	0	1.90	-1.78	.76	13	.0	0		6	2	0				
DEMOPOLIS LOCK AND DAM	91.2	70.3	80.8		97 21	67 31*	0	20	0	0	0	3.60	-.40	2.02	1	.0	0		7	1	1				
GRAINESVILLE	92.5	70.3	81.4		97 21*	65 31	0	24	0	0	0	2.63	-.64	.79	11	.0	0		7	2	0				
GREENSBORO	92.9	69.9	81.4	.5	99 20	65 10	0	24	0	0	0	1.75	-2.08	.95	1	.0	0		4	1	0				
HAYNEVILLE	91.1	70.8	81.0		97 20	69 14*	0	24	0	0	0	4.96	1.61	1.54	1	.0	0		6	3	3				
LIVINGSTON 2 SW	91.4	67.4	79.4		98 26	62 22	0	20	0	0	0	1.44	-2.42	.50	26	.0	0		4	1	0				
MARION JUNCTION 2 NE	91.0	67.7	79.4		96 21	62 21*	0	24	0	0	0	3.69	-.03	1.20	10	.0	0		7	2	2				
MINTER 3 NW																									
MONTGOMERY WSO AP	90.5	71.1	80.8	.1	94 30*	66 25	0	22	0	0	0	3.52	.05	2.63	9	.0	0		3	2	1				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
AUGUST 1978

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
										32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW										
SELMA UNION SPRINGS 4 5	92.8 90.1	71.4 68.1	82.1 79.1	-.8 -1.2	97 95	30* 22	67 62	25 25	0 0	27 20	0 0	0 0	0 0	4.78 5.19	-.99 -.77	3.11 2.30	10 1	-.0 -.0	0 0		5 8	2 2	1 2
DIVISION			80.6	-.1										3.35	-.37			-.0					
COASTAL PLAIN 07																							
ANADUSIA 1 NW	90.2	68.9	79.6	-1.2	96	22	63	25	0	24	0	0	0	5.48	-.17	2.60	1	-.0	0		8	3	1
ATHORE	91.3	69.8	80.6		97	22	65	25	0	26	0	0	0	5.03		2.10	18	-.0	0		8	3	2
BEATRICE 1 E	90.9	71.9	81.4		95	23	70	31*	0	23	0	0	0	5.39	1.34	2.00	23	-.0	0		11	4	1
BRANTLEY	91.2	67.1	79.2		96	22	59	25	0	25	0	0	0	5.88	-.63	2.10	1	-.0	0		5	4	3
BREWTON 3 ENE	91.2	68.5	79.9		98	22	62	25	0	24	0	0	0	2.55		.81	11	-.0	0		6	2	0
BREWTON 3 SSE	92.9	69.0	81.0	-.9	98	21	61	25	0	27	0	0	0	3.89	-1.82	1.30	11	-.0	0		10	2	1
CAMDEN 3 NW	91.6	69.4	80.5		96	23*	65	26*	0	26	0	0	0	3.50		1.43	1	-.0	0		9	2	1
CHATON 4 N	92.5	69.7	81.1		96	21*	60	14	0	27	0	0	0	1.94		.85	8	-.0	0		4	1	0
CLAYTON	87.8	68.3	78.1		94	22	63	20	0	11	0	0	0	6.09	1.71	2.02	1	-.0	0		9	4	1
ENTERPRISE 5 NNW	89.5	69.6	79.6		95	29	66	25	0	19	0	0	0	4.26		1.80	1	-.0	0		7	2	2
EUFULA WILDLIFE REF	90.3	67.5	78.9	-1.7	96	22*	62	25*	0	22	0	0	0	8.59	4.11	2.20	12	-.0	0		10	6	4
EVERGREEN	91.2	68.7	80.0	-.2	96	22	63	25	0	26	0	0	0	3.55	-.53	.92	14	-.0	0		8	3	0
FRISCO CITY	90.7	69.1	79.9		96	22	63	25	0	22	0	0	0	2.07	-2.68	.55	8	-.0	0		6	2	0
GENEVA 2	92.1	68.7	80.4		97	22	61	25	0	26	0	0	0	6.35		3.11	7	-.0	0				
GILBERTOWN	92.1	68.7	80.4		97	22	61	25	0	26	0	0	0	3.41		1.21	10	-.0	0		6	2	2
GREENVILLE	90.4	68.4	79.4	-1.1	95	22	60	25	0	23	0	0	0	4.46	-.01	1.32	18	-.0	0		6	4	2
HEADLAND	89.0	69.3	79.2		96	22	64	25	0	20	0	0	0	5.91		1.97	9	-.0	0		9	3	2
HIGHLAND HOME	90.6	68.1	79.4	.7	96	22	64	26*	0	24	0	0	0	5.67	1.57	2.31	1	-.0	0		8	3	2
OZARK 6 NNW	90.7	70.5	80.6	.3	96	21	67	24	0	23	0	0	0	2.16	2.92	.95	9	-.0	0		6	2	0
PITTSVIEW	89.7	65.4	77.6		95	22	59	26*	0	0	0	0	0	11.74		6.15	1	-.0	0		10	5	3
THOMASVILLE	91.5	66.3	78.9	-1.2	96	23*	61	25	0	24	0	0	0	5.45	-.82	2.42	1	-.0	0		7	3	1
TROY	89.9	69.9	79.9	-.2	94	21	65	25	0	21	0	0	0	4.07	-.63	2.52	7	-.0	0		7	2	1
WHATLEY	92.3	67.7	80.0		97	23*	60	25	0	27	0	0	0			1.20	13	-.0	0				1
DIVISION			79.8	-.6										4.88	-.06			-.0					
GULF 08																							
BAY MINETTE 3 NNW	91.3	70.5	80.9	-.2	95	22*	67	26*	0	26	0	0	0	5.25	-1.62	1.78	22	-.0	0		8	3	2
COOEN	89.3	72.4	80.9		93	3*	68	26	0	19	0	0	0	8.57		3.90	8	-.0	0		12	3	3
DAUPHIN ISLAND 2	88.7	77.5	83.1		94	22	72	15*	0	16	0	0	0	12.04		4.67	9	-.0	0		11	7	3
FAIRHOPE 2 NE	89.2	71.5	80.4	-.9	95	4	68	25*	0	22	0	0	0	6.24	-.30	1.81	24	-.0	0		9	6	2
MOBILE WSO AP	90.8	75.5	83.2	1.7	97	3	73	14*	0	24	0	0	0	7.34	-.41	1.84	8	-.0	0		11	6	2
ROBERTSDALE	89.6	71.6	80.6	.1	95	22*	69	27*	0	21	0	0	0	6.94	-.23	1.49	8	-.0	0		10	6	1
DIVISION			81.5	.1										7.73	1.11			-.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
AUGUST 1978

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>NORTHERN VALLEY 01</b>																																	
ATHENS 2	1.74				.90	.03			.02	.32					.03																		
BELLE MINA 2 N	1.40	.36			T	.09	.01			.40				.02	.02			.01	.19						.01					.03		.13	
FAIRVIEW 1 E	5.98	.68			.82				.09	2.67		.09	.01	.53	.05										.16					.02		.26	
HOODES	3.72		.10			2.70				.24		.14	.08	.14							.02									.30		.68	
HUNTSVILLE WSO AP	3.45			T	.83	T		1.40	T			.02				T		.93	.01		.01			T	T					.03	.22	T	
MULTON 2	1.23				.14	.06			.31	.04			.64	.04																		T	
MUSCLE SHOALS FAA AP	1.22		.18		.06	.15			.25	T		.03		.06		T				.24				.02		.18	T			.02	.03	T	
RED BAY	2.95				1.80				.09			.55		.48													T					T	
RUSSELLVILLE 2	3.05				.64	.08			.06	.25		.06			1.40					.10	.05						T	.02			.05	.02	
<b>APPALACHIAN MOUNTAINS 02</b>																																	
BESSEMER 3 WSO	3.27				.79			.22	1.44	.02		.21	.08							.16	.25									.18			
BIWINGHAM WSO AP	2.09	.03			.88	T		.58	.21	T																					.10		
BOAZ	5.00	.52			.38	.81		.07	.05						.04					.12	3.00											T	
FORT PAYNE	3.97	.85			.22	.72	T	.30	T	T		.22	T	.27	.13	T				.21	.27						.24	.54			T		
GADSDEN CITY	2.47				T	.58	.38			1.05				.25						.10								.11					
GUNTERSVILLE	5.14	1.00						.05		2.00		.23			.15																.11		
LECOS	2.17	.30			.83			.46	.11			.58		.27	.16							T										T	
ONEONTA	5.44	.05			.65	.05			.48					1.20						.51	1.92												
PALMERDALE 2 W	3.33	.20			.90			.40	.85					.36																	.20		
SAINT BERNARD	3.79	1.91			.27	.50		.62	.01	.10						.02								.25							.11		
SAND MT SUBSTA AU	3.19	1.23			.72	.35		.03	.18	.02				.04				.23	.11	.28													
SAVAGE	2.20				T			.47	1.20										.02													.51	
SCOTTSBORO	4.01	.79												.58	.05	T																	
VALLEY HEAD	4.53	.66			.60	.16	.10	.07	.04	.22	.04	T	.02	.06	T			.52	.22													.40	
WARRIOR 3 NW					1.34			.27	1.55											.14			.11										
<b>UPPER PLAINS 03</b>																																	
ALICEVILLE	3.91				.08	.85		T	1.23		.04	.03	2.33	.02								.26											
ARLEY 3 S	3.72							.03	1.01					1.17																			
AUTUGAVILLE 3 N	2.31		.39					.21	.28	.86		.26						.31													.58		
BANKHEAD LOCK AND DAM	2.69	.05		.04	.32	.46		.76	.33	.03	.04	.08	.04									.43		.11									
BROOKWOOD	3.31		.30		.75			.10	.68	.86	T	.12	.10																			.30	
CARBON HILL	4.12	.65			.12			.06	1.49					.02																			
CENTREVILLE WSO	2.70	.77	.03		.29	.55		T	.07	.03	.28	.02	.08	.07	.07					.60								.43	.75				
CLANTON	1.35										.45	.20		.15										.32	.32							.35	
CODOVA 2 ENE	2.47	.59			.05			.08	1.20					.40																			
DOUBLE SPRINGS	3.80				.12			.23	1.20				.35	.63										.15				.27					
ELROD	2.57				.61			1.14		.19	.19		.34				.10																
FAYETTE								.20				.20		.18																			
GORDAS	4.28	.63		.26	.08			.27	.73	.07		1.02	1.07	.04																	.01		
HALEYVILLE 3 NE	2.72		.80	.01	1.20	.07	.03	.18	.03	.02	.02	.03	.19																				
HAMILTON 3 S	2.74	.21	T		1.68	.03		T	.25	T	.41	T		.02						.01	T											.14	
JASPER 4 N	3.88		.20		.16	T		1.20	1.45	T			.13																				
LAY DAM	2.28				.14	.03		.08	.06	.12			.06				.05																
MITCHELL DAM	2.08	.27			.40			.49			.12		.77							.03													
PICKENSVILLE 2	2.24		.01					.01	.23		.04																					.05	
PLANTERSVILLE 2 SSE		.35			.25																												
REFARM 2 E	3.08				.25			.26	.01	1.12			1.30	.04																		.10	
THOMSBY EXP STATION	4.97				1.82			.30	.85	1.83	.08		.07																				
TUSCALOOSA FAA AP	3.72	.45			.52			.04	.71	.05	.73	.13	1.09																				
TUSCALOOSA OLIVER DAM	3.25		.29		.81			.07	.71	.17	.38		.10	.71																		.01	
VERNON 2 N	1.83				.05			.72		.09			.13							.09	.50											.20	
WEST BLOCTON	2.27		.15		.05			1.05	.10	.25	.05		.05																			.25	
WINFIELD 2 SW	1.76		.33		.08			1.11	T	T	.10		.06							.01	.02											T	
<b>EASTERN VALLEY 04</b>																																	
ANNISTON FAA AP	4.82		.19	1.84	T			1.92	3.00	.41	.06	T	.30	T	.45	.08																.02	
CALERA 2 SW	4.98			.54							.20																					.64	
CENTRE 4 SW	4.88			1.31	.11			.16	.12	.34	.07	1.03	.18			T	.24																
CHILDERSBURG WSO PLANT	3.12							1.38	1.20		.07		.47																				
GROSDEN STEAM PLANT	3.83			.22	1.64			.64	.42	.09			.10	.44			.01	.24			.02												
JACKSONVILLE																																	
LEESBURG	6.56	.87			3.00			.11	.55	.05			.27	.34				.90															
MONTEVALLO	3.17	.44	T		.22			.85	.02	.22	.02	T	T	.77																			
TALLADEGA	1.93	.40				.40		.01	.15	.13	.06		.76	.02	T																	.63	
WALNUT GROVE	5.22	.70			1.65	.10		.72	.08		.12						.09	1.76															
<b>PIEDMONT PLATEAU 05</b>																																	

# DAILY PRECIPITATION

ALABAMA  
AUGUST 1978

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SELMA	4.78	.96	.24		.02			.03	.02	.14	3.11	.15		.09																		T
SUTTLE	4.78	2.20	.07								.70			.42						.70	1.20											.10
TALLAPOOSA WATER PLT	9.23	T			.59	2.95		1.09	T		2.56	.33	.16					T		.09												T
UNION SPRINGS 4 S	5.19	2.30			.14	.32		.09	.05	1.03	.13	.40	.05	.20	.06						1.55											T
UNIONTOWN	2.70	.45								.20	.45			1.30	.05						.42											.25
WARRIOR LOCK AND DAM	3.09	.24						.30	.96		.52	.23		.42	.21																	.21
* * *																																
COASTAL PLAIN 07																																
ABBEVILLE 1 NW	4.21	1.26		T	.58	.21		.13	.21	.33	.47	.89	.05	T			.01			.05		.02										
ALBERTA	3.74	.52	1.12					.46	.09		.32	.02		.86	.13				.01													.41
ANDALUSIA 1 NW	5.40	2.60		.01		.05		.49	.03		.25	.79	.13	.03	.09			.25		.16		.50			.03							.07
ATMORE	5.03	T						.15	.08	T	.15	1.42		.58			.08		2.10	T	.10				.25	.12						
BEATRICE 1 E	5.39	.60	.35		.26			.10	.60	.18			.80	.10											2.00	.30						
BRANTLEY	5.86	2.10		T			.04	1.36		.17	T			.08			.06	1.18			.86	.03										
BREWTON 3 ENE	2.55	T		.26			.03	.09	.08	.81	.03	.07	.11	.51	T	T	.38															
BREWTON 3 SSE	3.89		.30	.30			.28	.10	T	1.30	.15		.20	.20	16		.36			.90												T
BRUNSDICE	5.63	.47		T	.04	1.53	1.66	T	.06	.34	.08	.06		T	1.03																	.16
CAMDEN 3 NW	3.50	1.43	.12				.16	.16	.74	.13	.01		.27				.05						.09						.18			
CHATHAM 4 N	1.94						.09	.85	T				.02	.25	.02					.38	.06											.25
CLAYBORNE	3.44	.52					.89	.24	.33		.68	.26					.26								.23				.01			
CLAYTON	6.09	2.02		.46	.71		.89	.22	.32	.32	.45									.63			.07									
COFFEE SPRINGS 2 NW	2.05	.15					.35	.10	.20	.30	.20	.45	T											.50								
COTTONTON	10.90	3.34			.05	.06	.04	.19	1.46	1.10	.90	.35	.24	1.06					.08				1.85	.16								
ELBA	4.44	.73		.13	.06	.25	.25			.72	.46						.18	.08			1.05											.53
ENTERPRISE 5 NW	4.26	1.80		.06	.48	1.00	.17	.03	.15	.37	.04		.11							.06			.05									
EUFALA WILDLIFE REF	8.59	1.30		.08	.04	.29	.28	.23	1.12	.89	2.20	.55					.15	.09		.15			1.36	.05					.03	.15		
EVERGREEN	3.55	.08		.19			.03	.09	.46	.01	.24	.92		.11						.54			.07	.61								
FRISCO CITY	2.07	.07					.55	.15		.30	.50	.05							.15				.30									
GENEVA 2	6.35	.16			.17	3.11	.15															2.76										
GEORGIANA	6.44	1.72		.25		.43		.01	.10	1.45	.71		.31	T	.42			.09	.95													T
GILBERTOWN	3.41	.38			.10	.22	.30	1.21	T	1.20										T												
GREENVILLE	4.46	1.26		.11		.47		.21	1.14	.39		.23	.79	.04					1.32		.80			.50								
HEADLAND	5.91	.46		.06	.01	.12	1.97	.21	1.14	.39		.23	.79	.04					.45		.04											
HIGHLAND HOME	5.67	2.31		.32	1.14	.31	.82	.18		.01		.05							33	.13		.05										.02
HUNTSBORO	8.45	2.26		.05	.55	.02	1.19	1.41		.16		.81							1.36			.62	.25							.02		.14
JACKSON	4.28		.07				1.06	.10	.20	.03	1.03	.92		.36							.10											
KINSTON	3.68	.66		.45	.01	.13	.84	.04	.29	.20	.26	.50	.04	.04					.03		.18											
LOUISVILLE	2.15	.22		.55	.04	.07	.29	.58	.15	.15		.10																				
MELVIN	3.34						.39		.75	.77		1.18									.25											
NEWTON	3.80	.30			2.00	.30	.30		.60										30													
OZARK 6 NW	2.16			.22		.50	.95	.12	.21										.16													
PINE APPLE	4.03	.94	.07		.27		.27	1.93	.09	.11																						
PITTSVIEW	11.74	8.15		.32	1.25	.02	.13	1.35	.86	.07	.19	.24	.01	.42							.08			.07	.20							
RIVER FALLS	6.07	3.16			.13	.15	.30	.77	.25	.69	.08	.02		1.19	.04					.41												
THOMASVILLE	5.46	2.42	.02		.03			.30	.77	.03	.78	.03		.23						.43			.22									.41
TROY	4.07			.21	2.52	1.38	.20	.20	.15	.02	.50	.06		1.65							.12											
WALLACE 2 E	4.93						1.38	.20	.20		1.65			1.20							1.40											
WHATLEY	-	.75	.42														.15						.30									
* * *																																
GULF 08																																
BAY MINETTE 3 NW	5.25		.03		.32	.15	.62	.05	.02	.02	.30	T	.19						T		T	.01			1.78	1.46			.01	.25	.04	
CODEN	8.57			.31	.16	.03	3.90	.20	1.05	.02	1.02	.09	.36	.31				T	T					.37	.26			13	T	.34		T
DRUMPHIN ISLAND 2	12.04			.16		.27	.88	4.87	.62	1.50	1.69		.57						.26				.72							.20		
FAIRHOPE 2 NE	8.24	.02		.55	.01	.92	1.05	.60	.52			.02							.02				.09	.17	1.61					.24		.12
MOBILE WSO AP	7.34			.74	.38	.59	.06	1.84	.08	.29	T	.11	.31	.27				T	T		.58	.06	T	.97				.07		1.06		
ROBERTSDALE	6.94	T		.30	.46	T	.05	1.49	.84	.87	.71		T							.73	.31		.66	.45	T				.07			

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

ALABAMA  
AUGUST 1978

STATION	DAY OF MONTH																																	AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN VALLEY 01																																		
ATHENS 2	MAX 93	90	94	93	87	85	85	84	84	87	88	90	85	91	91	93	95			97	88	90	90	90	93	97	95	93	85	90	90.1			
	MIN 61	63	65	64	63	63	66	65	65	62	63	65	64	65	65	64	66			60	61	63	69	69	63	65	65	65	70	63	64.4			
BELLE MINA 2 N	MAX 91	88	92	93	87	85	85	87	87	83	83	85	89	84	90	91	92	93	94	94	90	89	89	90	91	95	95	95	93	86	92	89.6		
	MIN 64	65	66	68	68	66	67	67	68	67	66	68	67	67	68	66	66	68	69	70	65	65	67	71	66	67	68	68	68	69	66	67.1		
FALKVILLE 1 E	MAX 92	89	95	94	88	86	85	86	83	82	87	90	85	90	90	91	95	94	95	92	89	88	87	90	95	93	93	92	87	88	89.5			
	MIN 64	63	66	64	65	65	64	65	64	65	67	65	65	66	67	64	66	67	65	62	64	66	69	62	63	64	65	64	67	63	64.8			
HUNTSVILLE WSO AP	MAX 90	93	95	88	84	84	85	84	82	81	84	86	82	87	89	90	89	91	92	90	88	86	88	90	92	93	92	86	89	79	87.8			
	MIN 67	68	70	69	70	68	69	68	70	69	68	70	68	71	71	69	70	72	71	74	70	68	71	70	68	70	69	68	69	69	65	69.3		
MOULTON 2	MAX 94	96	96	89	84	89	89	86	84	86	88	92	85	91	91	94	95	96	97	95	93	95	93	93	97	99	96	95	90	85	79	91.4		
	MIN 66	68	69	66	67	66	67	71	68	69	69	69	67	67	70	71	69	70	71	70	65	65	72	76	68	70	72	70	71	76	67	69.1		
MUSCLE SHOALS FAR AP	MAX 94	96	94	86	80	84	90	83	88	84	85	89	85	93	92	94	94	95	96	89	91	92	92	94	94	95	95	95	85	90	76	90.0		
	MIN 63	67	63	68	67	66	69	70	70	69	70	68	66	66	67	69	70	70	69	71	64	62	71	69	65	67	67	67	69	68	62	67.4		
RED BAY	MAX 96	95	98	96	82	87	96	89	89	86	86	91	89	91	90	94	95	96	97	95	95	98	96	96	96	97	94	95	93	86	87	92.6		
	MIN 67	68	70	63	67	67	66	71	72	70	69	69	66	67	69	68	71	71	68	74	67	65	74	73	68	70	71	71	69	68	67	69.2		
RUSSELLVILLE 2	MAX 91	90	92	95	81	84	87	76	84	81	84	82	89	88	91	93	94	94	90	88	94	93	94	94	93	93	90	79	88	88.7				
	MIN 60	63	63	65	63	64	68	66	65	67	64	62	64	68	68	66	66	66	63	65	68	72	64	65	66	69	66	72	65	65.6				
APPALACHIAN MOUNTAINS 02																																		
BEESSEMER 3 WSO	MAX 95	96	97	89	88	92	89	89	86	87	87	89	88	88	91	94	96	97	98	96	95	96	95	92	95	96	95	95	91	86	95	92.4		
	MIN 65	66	70	68	68	67	68	68	68	69	68	68	67	67	68	69	69	68	72	71	69	71	74	70	65	68	70	72	66	73	65	68.6		
BIRMINGHAM WSO AP	MAX 89	92	92	87	84	86	82	86	82	83	81	90	85	87	89	91	92	92	92	93	93	88	90	90	93	93	93	92	89	87	82	88.5		
	MIN 68	70	72	71	71	69	71	71	71	71	71	71	69	69	71	73	70	72	72	72	71	76	78	70	68	71	71	70	69	75	67	71.0		
GUNTERSVILLE	MAX 96	95	94	93	93	90	91	88	85	90	88	86	89	91	90	88	94	93	93	92	90	86	90	91	90	93	93	91	92	89	90.8			
	MIN 60	65	62	70	67	64	66	69	68	67	65	70	74	68	68	64	63	64	70	64	69	66	69	69	66	67	66	63	72	66	66.7			
ONEONTA	MAX 95	92	95	95	89	87	88	88	86	82	86	86	90	86	90	90	90	90	93	94	92	92	86	90	92	93	92	92	91	90	88	90.0		
	MIN 66	64	64	67	67	68	67	67	67	68	69	68	67	69	68	68	67	68	69	71	70	71	73	68	66	68	68	67	68	70	68	68.0		
SAINT BERNARD	MAX 92	93	93	88	87	86	87	89	84	85	88	91	87	90	89	93	95	94	96	94	91	90	89	92	94	92	95	92	93	88	81	90.3		
	MIN 65	64	67	66	68	67	67	67	67	67	67	67	65	62	66	65	66	67	66	70	67	69	70	68	64	68	65	64	66	70	65	66.5		
SAND MT SUBSTA AU	MAX 92	92	91	89	87	83	85	85	84	81	83	85	89	86	88	88	89	92	93	92	92	90	83	89	89	91	90	91	91	88	89	88.3		
	MIN 66	64	68	68	70	69	68	70	69	67	68	69	66	68	69	68	66	67	69	70	66	69	69	65	65	65	67	66	67	68	66	67.5		
SCOTTSBORO	MAX 92	86	90	89	87	86	86	86	82	79	82	86	85	85	89	89	89	92	96	95	93	89	82	89	89	91	84	90	89	89	87	87.8		
	MIN 64	59	61	66	69	67	68	70	65	65	66	66	62	62	65	66	66	66	67	68	64	66	69	64	62	64	64	64	64	66	67	65.2		
UPPER PLAINS 03																																		
ALICEVILLE	MAX 95	94	94	97	93	90	91	91	90	83	88	89	93	85	89	91	94	95	97	95	96	92	96	97	94	96	96	97	95	87	93	92.7		
	MIN 69	69	69	69	69	68	69	71	68	70	69	70	69	66	67	70	71	71	72	72	71	66	66	72	68	68	68	69	70	72	63	69.1		
BANKHEAD LOCK AND DAM	MAX 93	96	99	93	89	93	93	89	84	86	90	89	92	90	92	95	98	97	99	98	98	97	94	95	95	96	96	93	89	88	90	93.1		
	MIN 71	70	70	71	70	71	72	73	71	70	70	71	70	70	72	72	73	72	74	70	69	68	67	66	65	70	71	72	70	71	68	70.3		
CENTREVILLE WSO	MAX 92	92	95	95	98	88	91	90	88	84	84	87	91	89	90	90	94	95	95	95	93	91	91	88	88	90	92	92	94	92	84	90.9		
	MIN 67	66	68	68	66	67	68	68	68	67	67	67	66	65	67	68	69	67	66	69	69	70	72	71	65	66	66	67	68	69	64	67.5		
CLANTON	MAX 90	94	97	97	93	89	93	89	90	84	81	85	90	92	89	90	92	95	94	95	98	99	93	92	94	94	95	95	95	91	93	92.2		
	MIN 65	64	68	66	67	65	64	67	66	67	67	65	65	63	65	67	66	64	66	65	68	68	70	68	59	62	65	63	65	68	68	65.7		
DOUBLE SPRINGS	MAX 95	94	96	97	89	87	89	82	83	83	87	89	84	89	90	92	95	95	94	93	93	92	92	92	95	92	92	91	82	88	90.4			
	MIN 65	64	65	65	65	64	64	66	67	67	65	64	64	65	66	66	66	67	67	64	64	66	65	65	66	67	67	67	67	70	63	65.6		
FAYETTE	MAX 95	95	99	101	94	88	85	84	86	89	93	84	91	93	96	98	99	96	95	95	95	95	95	95	97	97	98	97	95	91	93.7			
	MIN 68	67	68	66	66	66	67	69	69	67	68	68	68	68	68	68	68	69	69	69	68	69	68	69	69	68	67	68	71	67	66	67.8		
HALEYVILLE 3 NE	MAX 90	91	94	86	83	84	84	80	83	83	85	89	81	88	88	92	91	94	95	90	92	91	92	91	94	94	92	91	88	86	83	88.5		
	MIN 61	64	64	63	63	62	63	65	63	65	65	66	63	61	65	66	65	67	67	65	62	61	69	69	65	65	65	65	65	68	62	64.5		
HAMILTON 3 S	MAX 95	96	95	98	91	86	88	90	82	86	86	88	92	84	91	91	94	97	97	98	96	95	99	99	98	99	98	97	94	80	89	92.5		
	MIN 63	63	65	64	64	64	64	64	67	67	66	66	64	62	62	65	65	67	67	67	65	60	60	70	65	65	67	67	67	68	65	65.0		
JASPER 4 N	MAX 93	98	98	92	93	90	89	88	84	86	88	92	86	92	92	94	95	97	96	95	93	93	93	90	92	94	94	91	85	92	80	91.5		
	MIN 64	63	68	65	67																													

ALABAMA  
AUGUST 1978

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
AUGUST 1978

STATION		DAY OF MONTH																															AVERAGE				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
CLAYTON	MAX MIN	77 67	88 67	90 69	90 68	86 67	89 67	86 70	84 68	86 67	84 67	80 68	84 67	87 69	87 66	88 70	89 70	90 72	89 67	90 69	91 63	91 73	94 70	88 71	87 66	88 65	89 67	90 69	90 68	92 70	91 71	88 69	87.8 68.3				
ENTERPRISE 5 NNW	MAX MIN	77 67	91 69	92 72	93 69	87 69	90 68	89 70	86 69	86 68	83 70	78 69	83 71	89 70	88 68	90 70	89 72	91 73	91 70	93 72	93 69	93 69	94 72	90 72	89 68	90 66	91 67	94 70	93 68	95 70	92 71	93 69	89.5 69.6				
EUFALA WILDLIFE REF	MAX MIN	75 66	92 64	93 67	92 70	92 68	90 68	88 67	89 67	89 68	87 68	82 68	83 70	90 68	91 66	90 69	90 71	92 66	93 66	94 70	96 72	96 69	92 71	89 62	89 62	92 64	93 65	93 66	94 66	93 67	91 67	90.3 67.5					
EVERGREEN	MAX MIN	86 67	93 67	93 72	93 69	90 68	92 69	85 68	87 71	81 68	85 70	87 69	81 68	91 69	91 66	90 69	90 70	93 72	92 69	94 72	94 68	93 71	96 73	94 72	95 65	91 63	91 64	93 66	94 68	93 69	92 71	93 68	91.2 68.7				
FRISCO CITY	MAX MIN	89 67	94 68	94 70	94 68	90 70	90 69	89 70	82 71	82 68	85 70	83 69	85 70	89 70	87 68	88 69	90 72	93 73	95 70	93 68	95 71	95 70	96 72	94 72	92 67	91 63	90 65	91 66	92 67	92 65	92 70	93 68	90.7 69.1				
GENEVA 2	MAX MIN	80 70	90 73	95 75	96 77	90 77	95 72	92 76	91 76	85 74																											
GILBERTOWN	MAX MIN	94 67	95 68	96 70	94 68	92 70	92 68	91 70	89 70	85 70	82 69	88 69	92 68	91 68	90 69	91 68	94 69	96 70	95 70	92 71	96 68	96 69	97 69	95 75	94 70	94 61	94 62	91 66	92 70	91 69	87 71	90 65	92.1 68.7				
GREENVILLE	MAX MIN	87 68	90 67	91 68	92 69	92 68	91 68	90 68	89 68	88 71	89 70	86 68	85 71	90 69	88 67	90 69	90 70	91 69	90 69	92 67	93 69	94 72	95 73	92 73	89 63	90 60	63		93 64	94 70	92 68	90.4 68.4					
HEADLAND	MAX MIN	80 69	90 69	91 69	91 68	86 67	91 68	89 70	88 69	89 67	82 69	74 69	79 71	82 70	82 68	84 70	90 72	91 71	93 70	93 69	94 71	96 72	91 73	90 66	90 64	91 68	93 69	94 68	93 70	94 66	95 69	89.0 69.3					
HIGHLAND HOME	MAX MIN	83 66	91 66	94 68	94 67	90 66	91 69	90 68	86 67	87 67	84 67	83 69	87 70	90 69	89 67	90 68	90 72	90 71	91 68	92 70	95 69	95 71	96 72	94 71	90 65	92 64	93 64	93 70	94 67	94 68	92 68	90 67	90.6 68.1				
OZARK 6 NNW	MAX MIN	90 68	93 70	93 72	88 69	90 68	90 68	88 70	87 68	84 68	78 69	94 70	89 74	88 70	90 69	89 72	91 72	90 73	92 70	95 73	94 69	96 75	91 78	90 72	90 67	92 68	95 71	93 68	94 71	91 72	95 71	90.7 70.5					
PITTSVIEW	MAX MIN		91 65		93 67	88 65	90 65	90 70	86 65	89 62	86 66	80 67	82 67	89 67	89 65	90 65	90 67	91 69	90 66	93 65	94 66	94 71	95 69	90 60	88 60	88 59	89 59	90 65	91 65	92 65	93 66	90 65	89.7 65.4				
THOMASVILLE	MAX MIN	90 65	93 64	94 64	95 68	91 67	90 67	92 67	88 65	81 65	87 65	84 66	87 65	91 65	89 65	90 65	92 67	94 68	96 67	95 65	94 66	96 66	96 67	92 65	93 61	94 65	95 65	94 69	94 70	90 73	82 68	91.5 66.3					
TROY	MAX MIN	89 67	92 68	92 71	89 70	91 69	86 70	86 68	88 70	85 68	79 69	84 69	89 72	87 69	90 68	91 71	91 72	91 69	92 73	93 69	94 74	91 74	90 73	90 68	91 65	91 65	92 67	92 70	93 70	92 71	92 72	89.9 69.9					
WHATLEY	MAX MIN	94 65	93 66	94 66	92 71	91 73	93 67	89 69	81 69	81 66	85 69	90 65	93 70	92 69	94 71	91 68	93 69	95 68	96 67	93 69	95 67	97 69	96 68	97 70	96 66	94 60	95 68	90 65	93 67	95 67	91 69	92 66	92.3 67.7				
• • •																																					
GULF 08																																					
BAY MINETTE 3 NNW	MAX MIN	95 69	95 69	95 74	95 72	92 69	93 70	90 70	76 70	83 70	83 71	88 72	89 71	92 68	90 69	91 70	93 73	94 74	94 70	94 72	94 70	95 72	95 71	92 68	92 67	91 67	93 67	93 70	90 69	90 73	93 70	91 70	91.3 70.5				
COOEN	MAX MIN	93 72	93 72	93 73	90 72	89 71	89 71	88 71	85 71	81 71	80 70	88 75	83 73	89 73	87 70	88 72	90 75	92 74	90 74	91 75	91 72	92 72	91 73	91 72	90 72	90 70	89 68	90 74	92 71	92 80	90 72	89.3 72.4					
DAUPHIN ISLAND 2	MAX MIN	89 79	90 79	91 80	93 79	93 77	89 79	89 76	88 72	79 72	82 72	81 73	85 73	87 76	87 73	86 72	88 78	89 80	90 81	90 79	91 80	91 80	94 73	91 80	90 81	90 80	90 79	90 82	89 75	88 82	91 81	90 78	88.7 77.5				
FAIRHOPE 2 NE	MAX MIN	88 71	92 71	92 75	95 74	91 71	86 72	91 72	88 72	74 71	81 70	76 70	85 70	88 71	90 70	88 71	90 72	91 74	92 74	91 72	93 72	92 73	93 74	92 72	91 68	91 68	90 69	90 70	90 71	90 73	92 73	89.2 71.5					
MOBILE W50 AP	MAX MIN	94 75	95 75	97 78	93 74	93 73	92 75	86 75	76 75	82 75	80 75	88 75	90 75	92 75	91 73	91 75	93 78	93 77	93 76	95 76	94 76	96 76	94 75	93 75	92 77	91 74	92 74	88 75	91 74	91 80	89 77	91 76	90.8 75.5				
ROBERTSDALE	MAX MIN	88 72	93 71	93 71	95 73	92 72	89 73	91 73	88 72	75 71	80 71	76 71	85 70	89 71	91 71	90 71	90 72	93 74	93 74	91 73	93 72	91 72	95 73	92 73	91 70	92 69	91 69	93 69	89 71	89 71	90 73	91 73	89.6 71.6				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
AUGUST 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN AGRONOMY FARM	(1N)	2 MAX	77	95	101	99	101	90	93	90	96	91	83	87	94	96	92	96	101	102	101	104	103	103	93	97	102	103	101	104	105	102	104	97.0	
		MIN	73	73	74	72	74	73	76	74	73	75	73	75	74	72	75	77	77	77	77	76	78	79	76	73	73	76	76	77	78	78	78	75.2	
	4 MAX	77	92	95	95	95	87	88	87	92	87	82	83	88	90	90	92	96	96	96	95	97	97	99	90	94	97	96	95	98	100	98	99	92.5	
		MIN	75	74	75	79	75	73	75	77	75	76	76	74	74	73	75	78	78	79	79	77	78	81	78	76	76	77	77	79	80	80	81	81	76.7
BREWTON 3 ENE	(1N)	8 MAX	78	86	86	88	88	83	85	83	86	82	79	80	84	85	86	87	90	89	90	91	91	93	88	89	91	91	90	92	94	32	93	87.4	
		MIN	76	75	72	80	78	75	75	78	77	77	75	75	76	75	76	79	79	79	78	80	80	82	80	78	77	78	80	80	81	82	82	77.9	
	4 MAX	86	96	101	94	94	101	99	99	86	87	83	87	90	90	95	94	94	101	97	103	97	103	101	96	100	102	102	101	101	97	100	96.0		
		MIN	75	74	76	78	77	77	79	79	76	76	75	75	75	74	74	77	77	78	79	77	76	79	81	77	77	77	78	79	79	79	79	77.1	
HEROLAND	(1N)	4 MAX	81	88	89	92	86	89	88	86	89	81	81	85	88	90	90	90	93	93	89	90	88	90	90	89	90	90	89	93	92	91	95	88.9	
		MIN	78	77	78	80	79	79	80	78	78	77	78	77	79	78	79	79	80	81	78	82	81	83	83	80	80	79	81	82	81	83	82	79.7	
PITTSVIEW	(1N)	4 MAX	93	90	-	91	90	91	92	88	90	86	82	84	88	91	92	91	92	88	93	93	94	95	91	91	90	92	90	93	95	95	95	90.9	
		MIN	75	75	-	77	79	78	79	78	78	78	77	77	79	78	78	78	80	77	77	79	78	81	80	77	77	76	77	78	80	81	80	78.1	
THORSEY EXP STATION	(1N)	4 MAX	89	95	92	92	94	96	88	89	82	80	86	85	84	89	89	96	97	96	98	98	100	93	95	98	99	100	96	99	93	91	95	92.7	
		MIN	76	76	80	80	80	78	77	78	77	77	76	77	76	76	78	78	80	80	80	82	82	82	82	80	80	82	80	81	84	82	80	79.3	
WINFIELD 2 SW	(1N)	4 MAX	98	95	96	96	90	90	94	90	85	84	88	93	92	86	95	94	96	97	97	98	97	95	98	97	96	96	92	91	95	84	90	93.1	
		MIN	83	79	80	81	80	78	77	81	76	77	77	76	76	76	80	80	79	82	83	82	82	80	84	85	82	84	80	79	82	80	79	79.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
AUGUST 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NORTHERN VALLEY 01																																		
HUNTSVILLE W50 AP		EVAP WIND MAX MIN	.26 39 97 73	.26 38 97 75	.18 55 104 75	.20 54 95 72	.30 59 86 75	.18 48 95 74	.23 48 94 75	.13 41 86 77	.37 65 90 73	.13 50 91 75	.18 35 93 75	.20 36 100 79	.15 41 95 75	.22 24 102 78	.22 36 102 78	.33 45 103 76	.26 67 95 74	.23 22 105 79	.21 22 106 81	.31 65 106 79	.26 62 98 74	.23 64 97 77	.17 56 96 77	.23 35 98 78	.22 23 102 78	.22 37 98 78	.28 40 98 77	.18 54 98 76	.21 19 91 77	.20 80 95 76	.14 33 89 73	6.89 1393 96.8 76.1
UPPER PLAINS 03																																		
WINFIELD 2 SW		EVAP	.33	.28	.30	.32	.11	.08	.31	.16	.17	.10	.17	.15	.20	.12	.24	.20	.33	.24	.28	.27	.19	.35	.25	.32	.22	.26	.16	.29	.30	.06	.26	7.02
PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP WIND MAX MIN	.05 27 84 68	.33 20 94 69	.34 22 93 63	.23 20 93 71	.20 21 97 72	.25 27 91 70	.19 31 96 72	.17 27 89 70	.29 40 93 69	.15 33 87 69	.30 25 80 69	- 29 86 71	- 26 97 73	.19 17 99 72	.07 12 95 71	.09 11 94 74	.25 10 97 74	.20 11 96 74	.28 5 101 72	.23 19 102 75	.25 13 102 73	- 22 98 73	.19 33 93 72	.27 16 93 68	.24 4 95 69	.21 5 100 74	.21 6 98 73	.23 9 100 74	.23 4 96 72	.22 4 93 72	.29 13 94 71	6.818 562 94.4 71.5
PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP WIND MAX MIN	.38 56 97 71	.18 14 98 70	.15 11 101 72	.34 21 104 76	.22 34 100 72	.15 7 97 73	.20 27 100 75	.19 38 99 72	.15 30 90 71	.12 33 90 72	.21 12 91 73	.12 27 100 74	.15 21 92 72	.21 10 102 72	.25 25 102 72	.17 15 106 76	.33 15 108 75	.21 15 106 77	.20 22 103 75	.22 18 104 75	.25 27 108 74	.26 20 105 73	.22 20 104 77	.22 25 99 67	.27 19 90 70	.26 25 98 73	.27 42 97 73	.25 27 97 73	.17 61 88 71	.23 51 91 71	6.81 807 98.5 73.0	
COASTAL PLAIN 07																																		
HEADLAND		EVAP MAX MIN	.19 91 70	.28 106 71	.23 108 73	.10 88 74	.16 97 69	.14 103 69	.10 101 70	.19 108 70	.06 92 70	.10 90 70	.12 91 73	.16 97 75	.24 112 73	.22 112 74	.16 108 74	.23 108 73	.16 111 73	.23 102 73	.21 102 74	.21 112 71	.18 112 73	.20 109 75	.20 107 75	.22 108 70	.23 100 69	.17 98 71	.23 112 73	.24 112 73	.21 107 74	.20 110 73	5.57 104.0 72.0	
GULF 08																																		
FAIRHOPE 2 NE		EVAP WIND MAX MIN	.21 28 96 73	.26 19 101 76	.23 23 104 75	.16 32 99 76	.11 11 94 73	.24 17 103 74	.16 16 96 75	- 9 74 73	.09 13 85 72	- 20 80 73	.10 12 93 73	.17 16 96 75	.22 24 101 71	.23 26 105 72	.22 4 103 75	.24 17 103 77	.24 17 105 77	.23 22 105 75	.26 17 102 75	.19 22 104 75	.24 14 101 76	.17 10 101 76	- 9 96 75	.20 7 100 73	.24 7 101 72	.24 13 101 72	.10 7 91 73	.15 13 94 73	.19 14 100 75	.20 12 102 75	6.078 465 98.1 74.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A			JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A			SIDNEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAR
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS DORA R ORVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONOLEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	R 0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	5P		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COOEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
ODTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	LAOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINDLEY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	5P	5P		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EODIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		GH	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	H	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	MIO	MIO	MIO	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	8 B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN 8 ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MIO	MIO		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	MIO	MIO		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	MIO	MIO		H	FAA
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	5P	5P		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA 69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	5P	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 32	205		7A			RONEY 8 TOMLIN
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	MIO		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THOR58Y EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1042	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this state.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SOIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornsby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2-6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Cage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry is time of observation column in Station Index means after rain.
  - C Recording Rain Cage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
  - C "Soil Temperature" table.
  - H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
  - J "Supplemental Data" table.
  - SS This entry in time of observation column in Station Index means observation made near sunset.
  - VAR This entry in time of observation column in Station Index means variable.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-CULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

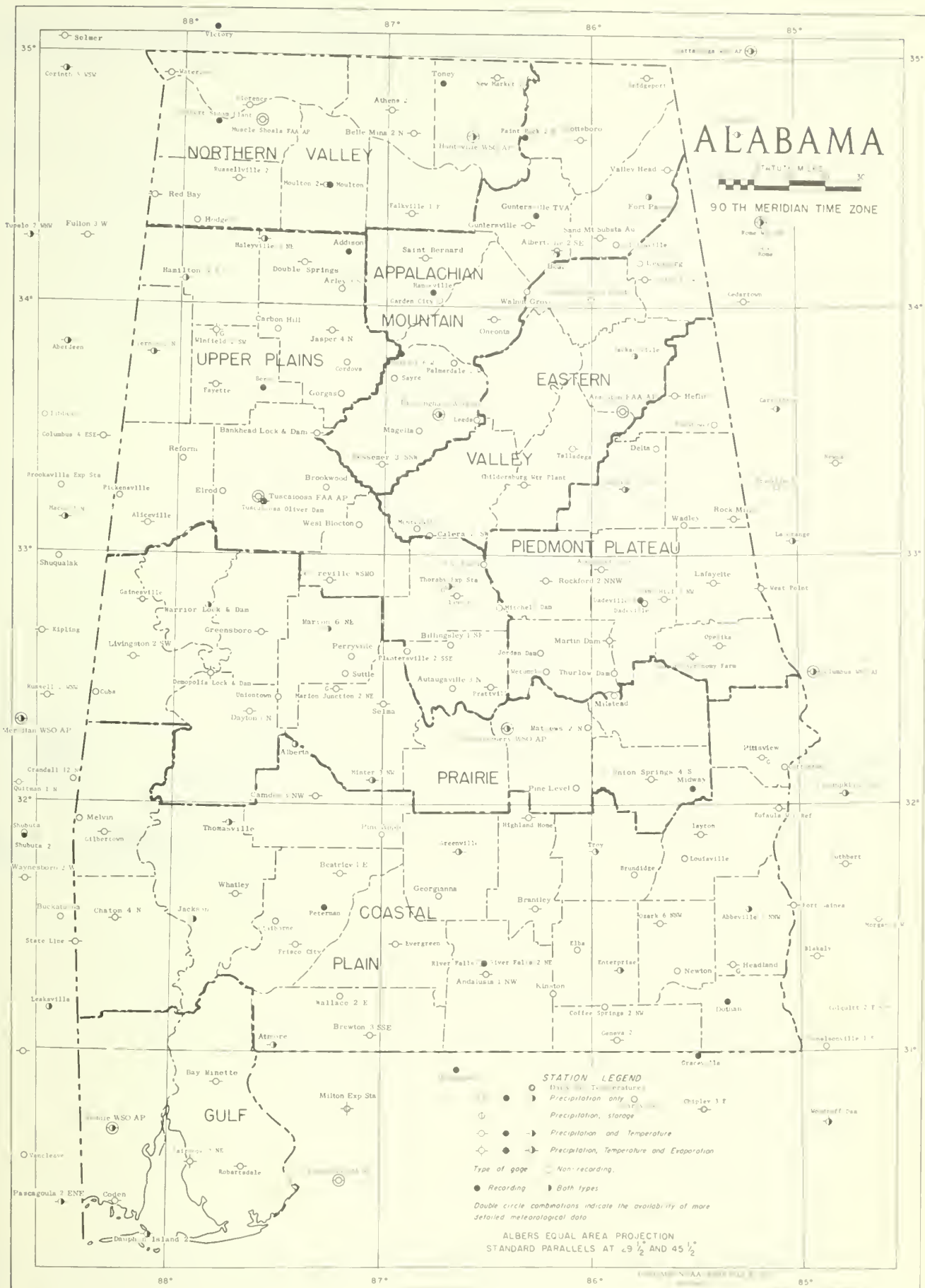
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. Attn: Publications.







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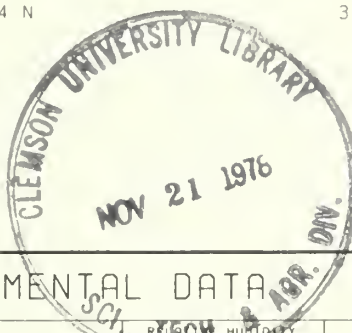
# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	5 STATIONS	100	DATE 21+
LOWEST TEMPERATURE:	3 STATIONS	51	DATE 25+
GREATEST TOTAL PRECIPITATION:	BESSEMER 3 WSW	5.29	
LEAST TOTAL PRECIPITATION:	COTTONTON	.00	
GREATEST 1 DAY PRECIPITATION:	CHATOM 4 N	3.21	DATE 27



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						REL. HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSO AP	7	2.8	5.4	27	SW	14	79	80	55	62	5	1	4	0	0	0	10	55	6.2	
HUNTSVILLE WSO AP	9	2.1	6.2	25++	27	13	87	92	60	69	2	2	4	1	1	0	10	-	6.4	
MOBILE WSO AP	8	2.0	5.8	17++	7	29+	83	86	57	69	4	6	2	3	0	0	15	-	5.9	
MONTGOMERY WSO AP	9	1.7	4.8	20	SW	10	75	80	50	56	3	6	1	1	1	0	12	55	5.5	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
SEPTEMBER 1978

STATION			TEMPERATURE														PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
												MAX.		MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
SEPTEMBER 1978

STATION		TEMPERATURE													PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.	MIN.	80° OR ABOVE	70° OR ABOVE	50° OR ABOVE					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
SELMA UNION SPRINGS 4 S		91.5 90.3	68.4 65.6	80.0 78.0	3.3 2.3	100 96	9 10	64 62	30+ 28+	0 0	20 22	0 0	0 0	0 0	3.80 .63	.33 - 2.92	2.80 -27	27 15	.0 .0	0 0		3 3	2 0	1 0	
DIVISION				78.2	2.3										2.32	- 1.23			.0						
COASTAL PLAIN 07																									
ANDALUSIA 1 NW		89.5	67.6	78.6	2.1	97	10	63	8	0	21	0	0	0	4.27	-.58	1.21	15	.0	0		5	3	2	
ATMORE		90.5	66.5	78.5		97	17	60	29	0	22	0	0	0	4.55		1.55	25	.0	0		8	3	1	
BEATRICE 1 E		90.5	70.3	80.4		95	20	67	8	0	22	0	0	0	1.23	- 2.70	.75	27	.0	0		3	1	0	
BRANTLEY		91.4	63.0	77.2		98	11	59	20	0	22	0	0	0	1.53	- 2.85	1.10	22	.0	0		4	1	1	
BREWTON 3 ENE		M	64.6	M				60	19+	0	0	0	0	0	2.13		.68	22	.0	0		5	1	0	
BREWTON 3 SSE		91.1	66.2	78.7	3.1	97	10	60	5	0	23	0	0	0	3.44	1.77	1.05	26	.0	0		6	2	1	
CAMDEN 3 NW		90.4	66.8	78.6		98	21	61	30	0	22	0	0	0	1.77		.62	25	.0	0		4	1	0	
CHATAM 4 N		91.6	67.3	79.5		96	8	64	4+	0	26	0	0	0	3.67		3.21	27	.0	0		3	1	1	
CLAYTON		88.3	66.1	77.2		95	10	61	29+	0	17	0	0	0	.21	- 4.16	.11	29	.0	0		1	0	0	
ENTERPRISE 5 NNW		90.1	67.6	78.9		95	24	65	30+	0	22	0	0	0	.84		.49	11	.0	0		2	0	0	
EUFULA WILDLIFE REF		90.3M	64.2M	77.3M	1.3	98	11	59	28+	0	0	0	0	0	.10	- 4.06	.10	29	.0	0		1	0	0	
EVERGREEN		90.4	66.5	78.5	2.9	97	10	61	5	0	22	0	0	0	1.64	- 3.30	.51	16	.0	0		6	1	0	
FRISCO CITY		90.5	67.2	78.9		97	17	60	30	0	26	0	0	0	3.05	- 1.81	1.56	27	.0	0		6	2	1	
GENEVA 2		89.7	66.9	78.3		95	21+	64	30	0	22	0	0	0	2.09		.63	22	.0	0		6	2	0	
GILBERTOWN																									
GREENVILLE		90.9	66.1	78.5	2.4	98	21+	61	5	0	24	0	0	0	1.60	- 2.94	.65	25	.0	0		5	1	0	
HEADLAND		89.8	66.6	78.2		98	10	62	29	0	21	0	0	0	3.02		1.44	14	.0	0		3	2	2	
HIGHLAND HOME		91.0	65.2	78.1	2.4	98	21+	61	29+	0	23	0	0	0	2.87	- 1.01	1.92	25	.0	0		5	1	1	
OZARK 6 NNW		91.3	68.3	79.8	3.4	98	20+	64	28	0	22	0	0	0	.38	- 4.13	.13	14	.0	0		2	0	0	
PITTSVIEW		89.5M	62.7M	76.1M		96	21+	58	28+	0	19	0	0	0	.09		.06	29	.0	0		0	0	0	
THOMASVILLE		91.6	64.9	78.3	2.9	100	21	60	5+	0	21	0	0	0	.59	- 3.14	.37	27	.0	0		2	0	0	
TROY		90.0	67.3	78.7	2.7	97	23+	60	29	0	22	0	0	0	.63	- 3.65	.42	24	.0	0		1	0	0	
WHATLEY		93.8M	63.5	78.7M		98	20+	58	6+	0	24	0	0	0	1.50	- 2.19	1.22	27	.0	0		2	1	1	
DIVISION				78.4	2.4										1.87	- 2.62			.0						
GULF 08																									
BAY MINETTE 3 NNW		90.0	68.1	79.1	1.8	95	5	61	29	0	23	0	0	0	4.32	- 1.85	1.85	26	.0	0		7	2	2	
COOEN		87.2	70.0	78.6		92	5	64	5	0	10	0	0	0	1.48		.40	22	.0	0		5	0	0	
DAUPHIN ISLAND 2		87.6	76.6	82.1		92	13	70	30+	0	11	0	0	0	3.44		2.08	22	.0	0		7	2	1	
FAIRMORE 2 NE		88.2	69.5	78.9	1.5	95	21	65	6	0	14	0	0	0	3.97	- 3.58	1.14	25	.0	0		6	4	2	
MOBILE WSO AP		89.4	73.8	81.6	4.1	95	20	70	29+	0	20	0	0	0	3.04	- 3.55	.94	23	.0	0		5	3	0	
ROBERTS DALE		89.6M	69.8M	79.7M	2.9	94	21	66	6+	0	0	0	0	0	2.38	- 5.23	.74	23	.0	0		4	3	0	
DIVISION				80.0	2.4										3.11	- 3.80			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
SEPTEMBER 1978SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

ALABAMA  
SEPTEMBER 1978

		DAY OF MONTH																															
STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SELMA	3.80													T	T	T			.15														
SUTTLE	2.97																																
TALLAPOOSA WATER PLT	3.66																																
UNION SPRINGS 4 S	.63																																
UNIONTOWN	1.76												.02																				
WARRIOR LOCK AND DAM	1.41																																
X X X COASTAL PLAIN 07																																	
ABBEVILLE 1 NNW	.98																																
ALBANY	1.74																																
ANDALUSIA 1 NW	4.27																																
ATHENS	4.55																																
BEATRICE 1 E	1.23																																
BRANTLEY	1.53																																
BREWTON 3 ENE	2.13																																
BREWTON 3 SSE	3.44																																
BRUNNIDGE	1.10																																
CADEN 3 NW	1.77																																
CHATHAM 4 N	3.67																																
CLAIRBORNE	3.58																																
CLAYTON	.21																																
COFFEE SPRINGS 2 NW	1.90																																
COTTONTON	.00																																
ELBA	3.73																																
ENTERPRISE 5 NNW	.64																																
EUFULA WILDLIFE REF	.10																																
EVERGREEN	1.64																																
FRISCO CITY	3.05																																
GENEVA 2	2.09																																
GEORGIANNA	1.28																																
GILBERTOWN	1.80																																
GREENVILLE	3.02																																
HEADLAND																																	
HIGHLAND HOME	2.67																																
HURTSBORO	.55																																
JACKSON	2.52																																
KINSTON	.99																																
LOUISVILLE	.68																																
MELVIN	1.19																																
NEWTON	.50																																
OZARK 6 NNW	.36																																
PINE APPLE	1.93																																
PITTSVIEW	.00																																
RIVER FALLS	1.75																																
THOMASVILLE	.59																																
TROY	.63																																
WALLACE 2 E	5.25																																
WHITLEY	1.50																																
X X X GULF 08																																	
SAY MINETTE 3 NNW	4.32																																
COOKE	1.48																																
DAUPHIN ISLAND 2	3.44																																
FAIRHOPE 2 NE	3.97																																
MOBILE HSD RD	3.04																																
ROBERTSDALE	2.38																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX																																85.5
	MIN																																
BELLE MINA 2 N	MAX	79	80	86	88	91	90	92	91	93	96	94	91	82	89	87	80	86	92	92	93	94	77	79	72	74	84	81	70	78	84	85.5	
	MIN	67	64	63	56	59	65	63	63	64	66	66	67	68	66	68	67	67	68	67	66	66	70	62	60	55	55	60	60	57	58	63.4	
FALKVILLE 1 E	MAX	88	80	85	85	90	90	91	92	93	96	90	91	84	86	85	80	88	91	91	92	95	87	80	71	75	80	81	68	76	83	85.5	
	MIN	62	59	59	51	53	59	59	58	56	60	65	65	67	65	66	69	67	68	67	68	69	69	68	67	65	61	60	58	58	58	61.5	
HUNTSVILLE WSO AP	MAX	80	86	88	90	90	90	92	93	96	92	91	81	88	90	80	86	90	92	93	94	77	79	73	74	82	81	70	78	83	77	85.2	
	MIN	66	65	64	56	65	65	65	62	65	66	68	69	67	68	67	67	68	69	69	68	69	65	61	60	55	61	60	60	59	59	64.3	
MOULTON 2	MAX	78	88	92	95	92	93	96	97	100	95	90	90	87	83	81	88	92	93	94	96	90	78	74	77	83	85	79	82	85	82	87.8	
	MIN	67	63	62	56	63	66	64	62	62	70	70	70	70	70	69	68	69	71	69	66	70	69	63	57	54	60	65	57	60	59	64.7	
MUSCLE SHOALS FAR AP	MAX	79	87	92	94	96	97	97	97	98	94	95	90	82	88	87	86	91	94	96	97	88	80	72	81	84	86	75	82	86	82	88.4	
	MIN	64	66	66	61	65	70	67	63	67	72	70	71	72	73	70	71	69	69	70	69	70	70	62	58	55	63	66	68	65	62	66.8	
RED BAY	MAX	83	84	91	96	94	95	97	98	97	93	92	89	86	82	83	88	92	90	93	94	90	84	79	78	82	79	79	80	85	86	88.0	
	MIN	60	65	63	62	60	70	66	67	67	71	68	71	68	70	68	68	68	67	69	67	68	70	60	58	55	61	61	62	60	60	65.0	
RUSSELLVILLE 2	MAX	73	82	88	91	91	94	94	94	95	87	88	82	78	84	86	87	89	91	91	91	74	73	75	80	79	75	76		83		85.0	
	MIN	64	57	58	52	61	60	58	58	58	58	65	67	66	68	63	62	64	63	59	63	65	58			57	58	58	56	52		60.3	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX	80	87	91	96	95	95	95	97	98	98	92	94	87	87	85	89	93	94	94	95	87	91	89	86	85	84	82	82	86	78	89.7	
	MIN	65	62	65	56	64	65	65	65	66	65	68	67	67	68	65	68	66	68	66	64	70	68	68	63	62	61	65	62	64	60	64.9	
BIRMINGHAM WSO AP	MAX	78	84	88	93	91	92	92	95	96	95	90	83	88	91	80	87	92	91	93	93	86	90	87	80	84	81	77	80	82	75	87.1	
	MIN	66	64	62	58	68	69	66	64	64	69	69	70	70	71	71	69	70	71	68	67	73	70	66	65	65	65	65	61	63	62	66.7	
CUNTERSVILLE	MAX																																
	MIN																																
ONEONTA	MAX	82	79	84	86	91	91	91	91	93	96	95	92	82	86	89	80	88	92	93	93	94	91	89	88	76	82	81	73	80	83	87.0	
	MIN	66	61	64	56	58	63	62	62	61	63	67	68	68	67	68	68	68	67	66	64	64	70	66	65	61	60	63	59	58	60	63.8	
SAINT BERNARD	MAX	81	78		88	92	92	93	93	95	97	94	93	86	87	85	82	86	90	92	92	94	83	83	82	75	81	82	74	78	83	86.6	
	MIN	65	65		62	57	65	63	60	61	61	63	65	68	66	66	66	65	64	65	65	63	68	67	65	62	57	59	60	57	59	63.1	
SAND MT SUBSTA AU	MAX	89	84	83	89	91	90	88	92	95	95	94	87	83	87	84	74	84	89	89	90	92	86	87	81	72	81	77	75	80	82	85.7	
	MIN	67	62	63	57	57	63	61	61	61	69	65	65	66	67	65	67	67	69	68	65	66	67	64	64	56	56	62	56	56	58	63.0	
SCOTTSBORO	MAX	93	88	91	96	94	93	92	95	97	98	95	92	88	93	89	80	87	94	94	96	96	84	90	89	89	89	82	75	84	86	90.3	
	MIN	66	63	64	55	54	60	58	59	60	64	66	68	67	70	69	67	66	67	64	65	69	64	64	68	53	53	52	52	52	54	61.8	
VALLEY HERO	MAX	84	87	85	89	89	89	88	91	94	94	95	88	82	85	81	78	85	90	91	92	92	90	85	85	82	81	79	79	84	83	86.6	
	MIN	63	62	64	51	51	57	67	54	56	62	65	67	64	65	67	64	64	64	62	62	65	64	64	64	52	53	55	53	54	57	60.4	
UPPER PLAINS 03																																	
ALICEVILLE	MAX	82	80	84	90	95	96	97	97	97	100	97	95	90	81	90	89	91	94	95	95	97	92	90	86	85	86	85	80	80	88	90.1	
	MIN	62	60	63	58	60	64	65	64	63	65	68	67	69	69	70	71	70	70	69	66	66	69	63	59	60	62	64	66	66	60	64.9	
BANKHEAD LOCK AND DAM	MAX	85	84	85	87	94	95	96	95	99	98	96	92	87	85	85	86	90	94	94	95	99	84	87	85	80	84	87	82	82	88	89.3	
	MIN	68	65	64	64	65	69	67	67	67	67	69	72	72	72	72	70	70	69	70	71	70	73	67	63	62	60	60	59	69	65	67.3	
CENTREVILLE WSMO	MAX	86	84	87	90	94	93	93	93	95	98	97	92	85	84	88	88	90	94	94	96	96	90	91	82	90	84	84	75	79	85	89.2	
	MIN	64	60	60	60	61	66	65	62	64	63	67	67	69	70	69	69	68	67	66	65	65	68	64	63	62	61	60	62	63	62	64.4	
CLANTON	MAX	89	89	90	93	96	95	92	94	98	98	98	91	89	91	91	88	90	94	95	94	96	87	92	90	88	82	80	75	79	84	90.3	
	MIN	61	56	59	56	60	63	58	56	59	62	66	64	66	66	64	66	65	66	65	62	66	65	65	66	65	65	61	63	63	58	62.4	
DOUBLE SPRINGS	MAX	76	75	83	92	94					98	90		85	82	82	81	86	90	92	92	94	79	80	75	80	75	83	70	80	85	84.0	
	MIN	64	62	61	57	65		59	58					66	66	66	66	64	67	65	63	63	66	60	55	56	54	59	55	57	56	61.2	
FAYETTE	MAX																																
	MIN																																
HALEYVILLE 3 NE	MAX	76			90	89	92	92	93	94	92	90	85	80	81	81	88	89		90	91	88	78		76	80	80	77	81			85.5	
	MIN	63			55	61	64	61	61	63	66	63	64	64	65	63	64	64		64	60	64	64		53	51	55	54	57			61.0	
HAMILTON 3 S	MAX	77	77	83	90	95	95	97	97	98	100	96	91	91	77	84	84	90	92	93	94	96	92	79	77	81	83	84	75	80	85	87.8	
	MIN	67	59	59	54	54	62	60	60	60	61	65	65	65	66	68	67	66	66	66	62	62	64	62	53								

# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CALERA 2 SW	MAX MIN	79 65	92 59	87 64	90 60	91 55	95 65	85 60	97 59	98 60	97 67	93 69	95 69	88 69	86 68	87 70	88 68	94 66	93 67	93 65	97 62	95 72	84 66	87 64	85 70	85 65	82 59	72 61	81 61	85 65	85 59	88.9 64.3	
CENTRE 4 SW	MAX MIN	84 64	85 62	83 63	88 54	91 59	90 61	89 59	91 60	94 62	95 64	96 66	90 67	83 68	90 69	85 66	67 67	83 67	90 68	91 66	92 67	93 70	89 69	90 67	87 66	73 61	80 62	79 63	80 59	83 57	82 61	87.1 63.8	
CHILDERSBURG WTR PLANT	MAX MIN	86 64	85 60	90 64	93 57	93 64	93 64	93 60	95 60	99 60	97 67	92 69	92 69	90 66	89 66	84 70	90 67	95 67	95 67	96 65	97 64	96 74	93 69	90 66	90 70	83 68	83 62	81 64	83 62	87 65	86 61	90.5 65.1	
GASOEN STEAM PLANT	MAX MIN	86 68	85 66	84 66	89 65	91 65	87 65	91 65	86 65	95 66	96 67	91 66	87 66	89 67	86 69	85 69	85 68	93 69	92 69	89 69	92 68	88 71	88 67	88 67	73 63	89 67	80 63	79 64	77 64	81 63	84 62	86.9 66.4	
TALLADEGA	MAX MIN	95 68	97 68	97 68	97 69	95 55	95 60	95 55	95 69	97 68	97 56	93 66	92 68	92 63	95 67	94 65	96 67	94 66	94 63	95 61	96 62	93 62	93 67	88 65	83 66	83 64	82 64	80 59	80 65	83 58	86 61	80 62	91.8 63.8
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	91 64	87 63	88 65	90 60	95 63	94 64	90 63	95 62	96 64	96 65	96 67	92 67	82 67	90 68	97 69	87 68	87 67	94 68	95 67	95 65	96 66	88 67	93 63	93 68	79 66	80 63	80 62	80 62	82 62	85 63	89.8 64.9	
ASHLAND 2 SSE	MAX MIN	85 60	84 59	87 60	87 62	90 63	90 63	88 59	89 60	92 64	92 64	92 56	87 65	82 64	89 67	87 67	79 66	88 64	90 65	91 65	91 65	91 65	86 68	91 66	89 66	72 65	78 60	76 61	77 60	81 61	83 62	86.1 62.8	
AUBURN AGRONOMY FARM	MAX MIN	90 67	90 66	89 66	90 66	92 69	92 68	90 64	91 67	94 66	96 67	94 65	89 68	86 66	92 68	91 70	83 68	88 69	91 69	93 68	93 66	95 71	89 68	92 70	88 72	83 68	80 68	80 65	74 61	82 65	82 67	88.6 67.3	
HEFLIN	MAX MIN	83 60	83 59	90 59	88 55	91 58	89 60	89 59	95 57	95 61	95 62	92 65	89 65	84 63	89 66	84 68	86 64	87 65	92 65	95 63	96 63	95 60	94 63	90 63	90 66	72 63	80 58	77 59	77 57	80 60	84 61	87.5 61.6	
LAFAYETTE	MAX MIN	90 62	91 62	91 65	93 58	94 64	90 64	93 62	95 60	96 65	97 66	94 68	85 65	92 64	91 68	85 68	92 66	92 66	94 66	94 66	96 70	90 73	92 67	85 65	89 69	81 65	82 68	78 65	80 64	85 63	86.7 64.6		
MARTIN DAM	MAX MIN	87 62	88 68	89 67	90 65	91 66	90 62	93 65	96 62	95 65	95 67	91 66	85 66	90 65	93 67	88 68	91 68	92 67	95 66	95 66	93 67	89 67	94 65	94 72	90 71	83 69	79 68	82 64	80 64	85 65	89.3 66.1		
OPELIKA	MAX MIN	91 63	92 67	90 60	89 60	92 58	93 58	89 61	91 60	95 62	96 63	95 65	91 65	84 64	92 67	92 68	89 65	90 65	91 67	93 66	94 62	95 63	89 64	92 63	91 69	85 67	78 68	83 66	75 60	83 63	73 63	88.9 63.4	
ROCKFORD 2 NW	MAX MIN	87 61	87 60	89 65	95 61	95 61	92 63	90 62	92 63	95 65	96 66	95 66	90 65	85 66	89 68	90 68	85 67	86 66	91 67	92 65	92 64	93 66	88 66	92 64	90 66	81 65	78 58	76 59	78 61	79 60	83 59	88.4 63.9	
ROCK MILLS	MAX MIN	92 61	89 60	91 65	90 56	93 60	93 63	90 59	93 59	96 62	97 63	96 64	92 63	85 63	93 65	88 65	83 64	92 64	93 64	95 62	95 63	95 71	90 63	92 65	91 64	72 65	80 61	78 62	78 58	83 60	83 62	89.3 62.5	
PRAIRIE 06																																	
DAYTON 1 N	MAX MIN	90 61	88 66	88 62	90 61	95 62	94 68	92 65	95 62	97 67	97 69	95 66	93 68	91 69	87 69	92 69	92 69	90 72	96 67	96 68	96 65	96 65	93 66	90 65	88 64	89 69	86 65	78 63	78 64	82 66	78 63	90.4 65.8	
DEMOPOLIS LOCK AND DAM	MAX MIN	84 65	84 63	86 63	88 62	91 65	95 65	91 68	93 65	95 64	97 65	98 69	91 70	88 69	87 70	90 70	89 70	90 71	92 71	94 70	92 69	95 71	91 68	90 66	88 63	86 63	82 64	84 64	78 65	77 66	94 65	89.3 66.4	
GAINESVILLE	MAX MIN	84 64	84 62	85 64	90 62	94 62	96 66	95 67	96 65	98 65	99 66	95 69	94 69	88 70	81 70	89 71	89 72	89 72	93 71	92 71	94 71	96 69	91 68	91 66	88 61	88 69	83 63	84 64	79 66	79 67	85 64	89.2 66.8	
GREENSBORO	MAX MIN	88 54	89 61	92 62	96 61	93 65	96 67	97 68	99 64	99 63	99 64	97 63	92 68	87 71	88 72	89 71	92 72	94 71	95 70	94 69	97 64	92 69	91 70	90 68	88 62	89 66	84 63	85 65	78 66	86 68	74 55	90.8 66.8	
HAYNEVILLE	MAX MIN	90 69	89 70	90 70	89 71	89 70	90 68	92 69	92 67	91 66	90 66	91 67	91 70	92 71	90 71	90 71	91 72	92 71	93 70	92 69	93 70	94 69	94 70	92 67	89 68	87 67	79 65	75 62	75 61	85 60	88.8 68.0		
LIVINGSTON 2 SW	MAX MIN				96 57	62 62		88 67	95 61	92 61	93 66	94 65	86 65	93 68	90 67	90 67	92 69	91 68	91 68	93 65	90 63	94 63	94 67	88 62	88 58	88 65	86 62	86 61	84 59	85 60	86 61	90.2 63.8	
MARION JUNCTION 2 NE	MAX MIN	85 62	85 59	86 60	89 61	92 61	94 63	92 64	91 62	93 64	97 63	96 67	92 67	88 69	89 69	90 68	88 68	92 66	96 65	94 63	97 63	93 68	88 64	89 63	89 62	81 59	81 62	78 63	78 64	83 62	89.4 64.1		
MINTER 3 NW	MAX MIN																																
MONTGOMERY WSO AP	MAX MIN	89 67	90 65	90 68	92 65	93 66	90 69	91 67	94 66	97 66	96 71	90 70	89 70	92 73	91 71	87 73	90 72	92 72	94 71	93 70	95 67	88 74	93 71	92 67	86 71	78 69	84 65	75 68	80 67	83 67	73 68	88.9 69.2	
SELMA	MAX MIN	89 70	88 70	91 68	97 64	93 65	96 68	94 66	97 65	94 67	100 67	98 72	92 71	88 72	91 72	92 70	92 71	96 71	93 70	94 70	98 70	98 68	92 69	93 72	89 69	87 67	85 64	80 65	79 65	84 68	84 64	91.5 68.4	
UNION SPRINGS 4 S	MAX MIN	92 67	92 62	90 63	90 64	91 63	95 64	91 63	90 62	95 62	96 64	93 67	89 65	87 67	91 68	92 68	95 68	91 68	92 68	92 68	95 72	95 72	89 68	93 67	95 68	93 68	80 68	82 65	82 62	81 63	82 63	90.3 65.6	
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX MIN	93 71	92 64	91 67	84 64	91 64	93 68	91 64	90 63	94 64	97 69	94 69	92 68	88 69	91 69	90 70	88 68	90 69	93 69	92 69	95 71	91 69	91 72	94 69	89 70	87 71	83 68	80 64	73 65	75 68	89.5 67.6		
ATMORE	MAX MIN	92 66	91 65	92 64	87 65	92 65	95 66	91 67	92 69	94 68	94 69	92 69	93 69	92 70	89 69	91 70	89 66	97 66	92 63	95 65	94 66	93 66	91 67	91 68	94 67	88 67	85 65	80 66	75 65	80 61	90.5 66.5		
BEATRICE 1 E	MAX MIN	89 70	90 71	91 71	92 70	93 70	92 70	92 68	93 67	94 70	94 69	95 69	92 70	88 72	92 73	93 73	92 72	94 71	94 72	93 73	95 73	93 72	92 71	88 70	85 70	84 69	80 69	82 68	79 69	79 68	90.5 70.3		
BRANTLEY	MAX MIN	92 63	91 64	90 63	89 62	88 60	97 59	93 60	93 59	97 60	96 59	94 62	93 63	89 65	96 65	93 65	95 65	95 65	96 64	95 59	97 60	92 65	92 65	90 64	86 66	85 65	82 61	79 62	79 61	82 51	91.4 63.0		
BREWTON 3 ENE	MAX MIN	64 65	63 63	63 63	61 62	60 63	61 66	63 64	63 65	65 65	66 66	66 67	67 67	68 66	66 67	67 67	65 65	65 67	64 64	94 61	97 63	93 68	92 68	90 65	88 68	87 68	82 65	75 63	75 63	75 63	64.6		
BREWTON 3 SSE	MAX MIN	95 65	96 63	92 63	93 62	94 60	93 66	94 64	95 66	95 68	97 66	95 67	92 69	91 69	89 68	94 70	94 68	96 67	94 68	92 68	96 65 												

# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	90 67	90 65	90 66	85 64	90 66	92 65	87 64	88 65	92 67	95 69	94 67	89 66	89 68	91 68	90 67	89 66	90 67	91 67	92 68	90 65	93 70	85 68	90 68	92 69	87 65	81 66	82 63	79 61	78 61	77 64	88.3 66.1	
ENTERPRISE 5 NNW	MAX MIN	92 68	92 65	93 66	86 66	92 67	93 66	91 66	92 68	95 69	95 70	94 67	91 67	87 70	90 69	91 68	87 69	91 69	94 70	94 69	93 66	95 68	90 70	93 69	95 69	90 68	87 68	86 66	81 65	77 65	75 65	90.1 67.6	
EUFULA WILDLIFE REF	MAX MIN	93 64	94 64			92 63	92 64	89 61	91 60			98 62	92 64	90 64	93 67	91 67				95 68	94 66	93 59	96 68	90 63		94 65	88 66	85 69	85 65	78 59	82 62	81 66	90.3 64.2
EVERGREEN	MAX MIN	92 66	92 64	91 63	88 62	93 61	95 66	92 64	92 65	94 66	97 68	95 67	94 68	91 69	89 67	89 70	92 67	91 68	93 69	94 68	92 63	95 67	93 70	93 68	93 68	90 69	85 69	87 67	80 64	74 65	76 66	90.4 66.5	
FRISCO CITY	MAX MIN	90 66	90 65	91 66	90 65	91 64	94 68	92 65	92 67	91 68	93 67	94 70	91 70	92 71	90 69	90 71	92 68	97 69	92 67	93 69	93 66	95 67	94 70	92 69	93 68	92 67	89 69	93 68	80 65	73 65	75 60	90.5 67.2	
GENEVA 2	MAX MIN	93 69	92 66	93 65	85 65	92 66	93 65	90 65	91 65	93 67	95 69	93 68	91 68	90 68	92 68	90 68	89 68	92 68	92 69	93 68	91 65	95 65	90 70	90 67	94 69	88 68	85 67	85 67	83 65	79 65	73 64	89.7 66.9	
GILBERTOWN	MAX MIN																																
GREENVILLE	MAX MIN	91 65	88 64	90 65	90 62	91 61	93 64	90 63	91 66	94 68	98 69	97 67	93 67	93 69	93 67	90 67	90 68	93 67	95 68	96 67	95 64	98 65	90 69	96 69	95 68	93 69	82 67	85 66	79 63	77 64	82 64	90.9 66.1	
HEADLAND	MAX MIN	94 67	94 67	94 67	86 67	93 67	93 66	91 67	92 66	95 66	98 68	95 66	91 68	91 68	93 68	90 68	88 69	90 69	92 69	93 66	84 59	93 67	90 66	91 65	93 69	89 66	83 67	85 67	81 65	77 65	75 66	89.8 66.6	
HIGHLAND HOME	MAX MIN	92 64	93 64	90 63	86 61	93 65	96 63	93 63	93 64	97 65	98 67	98 64	90 64	90 67	93 66	90 67	89 67	91 69	92 69	95 66	95 65	98 68	91 70	96 67	93 67	90 67	80 66	84 66	83 61	79 61	81 62	91.0 65.2	
OZARK 6 NNW	MAX MIN	95 68	95 67	92 68	96 67	96 68	97 67	93 67	97 69	98 69	97 70	92 68	92 69	91 70	93 70	90 70	92 68	93 69	95 70	93 69	98 71	89 69	94 69	95 69	89 68	89 68	86 65	81 65	80 64	77 65	75 67	91.3 68.3	
PITTSVIEW	MAX MIN	91 65		91 64	87 61	90 61	92 61	89 60	90 59		96 60	96 67	90 61	89 62	89 65	86 65	92 65	93 66	94 65	93 58	96 66	90 63	93 62	92 69	86 67	82 66	84 64	76 58	83 59	83 63	89.5 62.7		
THOMASVILLE	MAX MIN	89 64	89 62	89 63	90 60	95 60	97 62	95 65	95 65	96 65	98 64	95 67	91 68	94 70	88 68	90 70	92 66	94 67	96 68	96 67	96 65	100 65	97 65	90 65	93 63	92 64	86 65	89 64	78 64	74 62	83 64	91.6 64.9	
TROY	MAX MIN	92 65	92 65	85 67	93 64	94 64	91 68	91 68	94 66	97 66	95 68	92 67	90 69	91 68	91 68	89 69	90 68	94 69	96 71	95 70	96 66	90 72	94 69	97 69	91 69	82 69	85 70	79 65	79 63	80 60	76 67	90.0 67.3	
WHATLEY	MAX MIN	93 63	92 61	93 61	96 58	96 59	98 58	95 62	96 63	98 61	96 65	94 65	96 66	97 67	96 69	97 70	93 64	96 63	95 64	94 65	98 60	97 62	97 65	96 65	89 65	84 64	96 65		83 64	84 64	85 64	93.8 63.5	
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	91 66	91 65	90 66	92 66	95 63	92 68	93 67	94 70	93 70	90 71	94 71	89 71	91 72	90 71	90 71	93 68	92 69	94 71	92 70	94 67	94 67	92 72	92 67	92 68	88 68	87 68	82 68	82 67	75 61	74 66	90.0 68.1	
COOEN	MAX MIN	89 70	90 68	85 66	90 67	92 64	89 69	90 70	89 71	90 70	84 71	87 71	90 70	85 75	88 74	89 75	90 73	89 70	91 72	88 72	91 69	90 69	86 71	88 70	87 71	89 70	84 70	80 70	79 70	78 65	78 68	87.2 70.0	
ORAPHIN ISLAND 2	MAX MIN	89 77	89 76	89 77	85 76	90 76	91 78	88 78	90 78	90 79	86 77	84 75	89 79	92 78	87 78	91 78	88 76	91 79	89 82	90 79	90 80	90 79	90 74	88 76	89 76	88 76	84 73	84 73	80 73	78 70	79 70	87.6 76.6	
FAIRHOPE 2 NE	MAX MIN	90 70	90 68	90 67	84 68	89 66	91 65	89 69	91 74	99 74	86 72	86 71	90 71	92 72	90 73	92 73	85 70	89 71	91 71	92 71	93 69	95 70	90 70	89 69	89 69	89 69	85 70	84 69	81 68	81 68	75 66	88.2 69.5	
MOBILE WSO AP	MAX MIN	91 74	92 72	86 71	92 71	94 70	93 74	92 73	91 76	88 75	86 76	92 74	93 76	88 79	93 79	90 76	91 74	93 75	93 76	94 75	95 74	93 73	91 76	92 74	90 72	88 71	87 73	83 73	83 72	72 70	76 71	89.4 73.8	
ROBERTSDALE	MAX MIN	90 69	91 69		91 67	91 66	93 66	90 69	92 68	91 72	90 73	87 72	92 72	93 72	91 73	87 70	91 70	91 70	92 70	93 72	94 69	93 69	90 70			92 70	90 70	84 70	81 69	82 68	74 67	89.6 69.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
SEPTEMBER 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1N)	2	MAX	104	106	104	101	104	103	101	101	105	105	100	103	89	98	98	89	96	101	103	101	103	95	101	100	91	86	85	80	90	91	97.8
		MIN	77	76	77	73	75	77	75	75	76	77	77	77	77	76	75	75	73	73	75	76	76	75	76	75	78	75	75	72	70	69	72	74.9
		4	MAX	99	99	98	95	98	98	96	97	98	99	94	97	88	94	94	85	89	95	98	97	98	92	94	92	86	83	83	78	86	85	92.8
		MIN	80	78	78	76	76	79	78	78	78	79	78	79	78	78	77	74	74	76	78	78	78	78	77	78	75	76	76	72	72	73	73	76.8
BREWTON 3 ENE	(1N)	6	MAX	93	93	92	90	92	92	90	91	91	-	-	92	86	88	88	82	85	89	92	92	93	88	90	88	84	82	81	78	82	-	88.3
		MIN	82	81	81	79	79	81	80	80	-	-	80	80	80	78	79	79	76	76	79	80	80	80	80	80	80	78	78	76	73	73	-	78.9
		4	MAX	99	102	101	99	99	96	99	100	100	98	99	101	94	97	97	92	96	99	100	100	98	101	97	89	92	99	87	86	82	73	80
		MIN	78	77	77	75	74	75	77	77	78	78	79	78	79	79	78	78	78	78	78	78	77	77	78	75	75	75	75	73	70	69	70	76.2
HEADLAND	(1N)																																	
PITTSVIEW	(1N)	4	MAX	95	95	95	89	94	92	93	90	92	93	92	92	88	91	88	86	86	88	88	90	89	86	88	82	88	76	84	80	78	77	98.2
		MIN	82	81	81	80	79	79	80	64	80	80	80	80	78	80	78	76	75	77	77	76	77	75	76	75	77	76	68	76	74	75	73	76.8
		4	MAX	97	-	97	91	95	94	93	93	-	93	95	94	88	92	88	88	91	93	94	94	93	93	92	91	87	85	85	82	84	82	87.7
		MIN	81	-	80	80	79	79	78	-	78	80	80	79	79	80	80	79	79	79	80	80	79	80	79	81	81	79	78	75	75	76	76	76.3
THORSBY EXP STATION	(1N)																																	
WINFIELD 2 SW	(1N)	4	MAX	94	94	95	96	92	91	93	98	96	95	95	90	87	89	90	90	92	92	94	87	90	90	89	82	82	78	79	86	87	89.9	
		MIN	80	80	80	78	80	80	78	79	80	80	80	80	81	78	80	80	78	78	78	77	77	78	78	78	77	74	76	74	75	76	78.4	
		4	MAX	85	82	86	94	94	93	95	95	95	93	92	91	85	78	82	82	86	88	91	93	94	89	85	88	82	84	82	76	80	82	87.4
		MIN	79	74	73	76	79	80	79	80	80	79	79	77	76	75	76	76	75	75	78	76	78	78	76	74	72	74	75	70	72	70	76.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# EVAPORATION AND WIND

ALABAMA  
SEPTEMBER 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.10	.19	.28	.27	.19	-	-	.21	.26	.24	.22	.12	.16	.12	.10	.10	.19	.23	.16	.11	.36	.05	.23	.05	.18	.16	.14	.04	.16	.19	5.158
		WIND	65	44	70	59	29	50	31	29	38	40	69	60	48	44	67	28	35	37	26	21	38	82	96	67	58	84	38	14	29	72	1468
		MAX	99	94	94	96	96	-	-	98	99	94	90	88	90	88	85	92	96	99	98	95	94	95	90	78	86	85	80	85	89	85	91.4
		MIN	72	71	72	67	69	-	-	73	74	76	73	76	75	75	73	75	75	77	76	75	75	75	68	68	64	65	70	68	68	67	71.9
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.08	.09	.13	.23	.26	.22	.28	.26	.24	.22	.18	.20	.14	.12	.08	.09	.13	.19	.19	.21	.19	.12	.15	.14	.07	.19	.11	.05	.07	.10	4.73
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.21	.28	.24	.21	.26	.25	.21	.23	.22	.26	.19	.24	.08	.17	.22	.11	.13	.19	.24	.19	.24	.12	.21	.16	.10	.09	.16	.07	.12	.18	5.58
		WIND	13	14	12	16	9	14	12	7	6	5	19	17	5	7	17	20	8	6	8	7	14	10	22	31	38	20	41	19	7	24	448
		MAX	93	98	96	94	97	93	91	92	97	99	93	92	82	100	91	89	96	101	96	94	95	88	96	93	84	79	77	73	82	82	91.1
		MIN	68	65	69	66	66	62	66	67	70	71	67	67	67	68	69	70	71	73	69	67	67	68	70	70	68	66	62	61	61	65	67.3
MARTIN DAM		EVAP	.26	.21	.20	.22	.17	.17	.23	.21	.20	.25	.18	-	.34	.15	.06	.24	.15	.09	.20	.21	.09	.09	.09	.20	-	.16	-	.11	.08	.11	5.198
		WIND	36	34	35	29	17	21	26	25	18	26	18	19	18	20	15	18	19	20	12	35	22	25	28	27	41	28	23	16	22	23	716
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.15	.12	.22	.15	.29	.17	.25	.41	.18	.34	.09	.19	.14	.07	.15	.12	.18	.02	.41	.20	.22	.12	.20	.21	.15	.15	.12	.03	.20	.11	5.36
		WIND	51	42	47	42	33	19	41	25	13	17	18	31	26	13	19	24	11	23	25	17	10	33	55	58	50	40	38	39	10	34	904
		MAX	94	90	92	92	96	98	98	98	98	97	99	93	88	87	91	93	98	98	99	98	100	94	93	94	93	83	86	80	79	89	92.9
		MIN	69	65	65	68	65	68	71	69	68	68	73	72	72	72	73	73	74	75	75	73	73	72	71	66	65	65	65	72	69	68	69.8
COASTAL PLAIN 07																																	
HEADLAND		EVAP	.25	.24	.28	.17	.23	.23	.17	.21	.22	.24	.17	.18	.15	.21	.15	.12	.14	.15	.23	.18	.18	.20	.15	.13	.12	.15	.12	.10	.10	.03	5.20
		WIND	72	71	68	68	68	69	68	68	67	68	70	70	71	73	72	72	73	73	73	71	70	70	71	72	73	68	70	66	66	65	69.9
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.23	.24	.24	.15	.25	.20	.12	.17	.16	.13	.12	.20	.17	.09	.15	.08	.16	.18	.15	.19	.23	.19	.18	.17	-	.09	-	.10	.11	.08	4.858
		WIND	22	13	15	14	16	14	8	8	9	14	12	15	9	9	6	6	11	10	12	14	11	15	15	18	9	11	18	17	10	35	396
		MAX	101	100	100	89	96	95	93	96	95	90	90	100	101	94	99	98	98	98	96	94	100	93	92	95	90	88	83	83	83	74	93.5
		MIN	73	71	71	71	61	71	71	71	71	75	75	73	73	74	74	74	73	73	73	73	72	73	74	71	71	74	70	70	68	67	71.7

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY D DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	3A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	VONDEE STOUGH
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10		C HJ	NATL WEATHER SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNSDICE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P		H	FAYE G FRUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
CODEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	MITCHELL ORAKE
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GADSDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	ALTON G LAND
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A		C H	MICHAEL L FINOLEY

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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-76S
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EOOIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAOISON	12	34 39	86 46	624	M10	M10	M10C	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400					W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	5P	5P		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMS JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		CH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MAOISON	12	34 55	86 27	725	5P	5P		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-C9
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	5P		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 32	205		7A			RONNY B TOMLIN
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	85 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MT SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCR1
SELMA	7366	06	DALLAS	1	32 25	87 00	147	5P	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MADISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARD
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1042	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	8188	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12 Noon c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DAILY SOIL TEMPERATURES TABLE:	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm :	Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE :	Smithdale fine sandy loam	Bare	0-2%
Headland :	Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE :	Sumter Clay	Bare	3-5%
Pittsview :	Izagara fine sandy loam	Bare	Unknown
Thornby Exp. Station :	Fine Loamy	Bare	0-2%
Winfield 2 SW :	Ora fine sandy loam	Bare	2 to 6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- ☼ Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

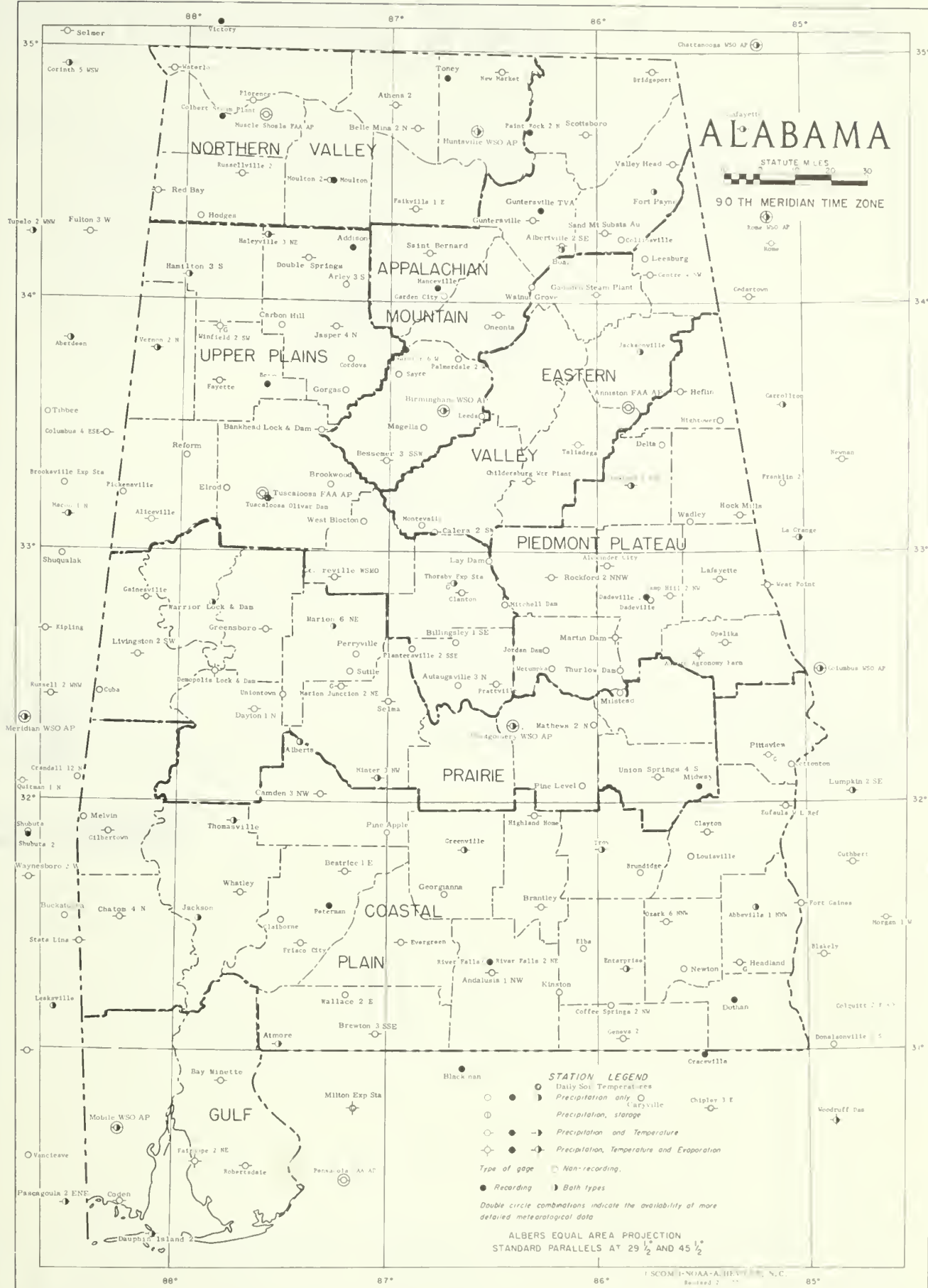
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

**SUBSCRIPTION PRICE:** \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.





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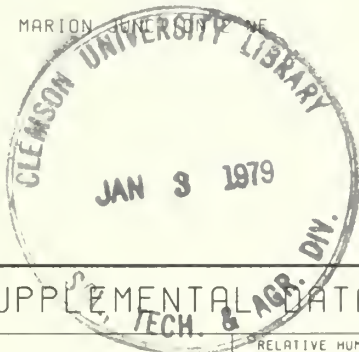
# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: DZARK 6 NNW 93 DATE 05  
LOWEST TEMPERATURE: VALLEY HEAD 24 DATE 17  
GREATEST TOTAL PRECIPITATION: 2 STATIONS 2.40  
LEAST TOTAL PRECIPITATION: 23 STATIONS .00  
GREATEST 1 DAY PRECIPITATION: MARION UNIVERSITY 2.09 DATE 01



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM FAA AP	3	1.9	5.7	-	-	-	74	78	43	50	1	0	2	0	0	0	3	-	-		
HUNTSVILLE WSO AP	35	1.0	7.2	22++	12	30	80	87	46	58	2	1	0	1	0	0	4	-	3.0		
MOBILE WSO AP	3	3.4	5.8	20++	1	14	75	81	44	55	1	0	0	0	0	0	1	-	2.6		
MONTGOMERY WSO AP	3	1.8	4.5	22	NW	13	68	74	41	48	0	1	0	0	0	0	1	83	2.2		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND  
INFORMATION SERVICE / NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
OCTOBER 1978

STATION		TEMPERATURE											PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
																			TOTAL	MAX. DEPTH ON GROUND	DATE	+1.0 OR MORE	+5.0 OR MORE	+1.00 OR MORE	
											90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW											
NORTHERN VALLEY 01																									
ATHENS 2		73.2 <sup>M</sup>	41.7 <sup>M</sup>	57.5 <sup>M</sup>		84	4	30	16	245	0	0	3	0	.02		.02	14		0		0	0	0	
BELLE MINA 2 N		73.3	41.9	57.6		82	23	31	16	236	0	0	2	0		1.25	1		0		3	2	1		
FAIRVIEW 1 E		74.0	41.5	57.8		82	24	30	15	230	0	0	3	0		.90	1		0		2	0	0		
HUNTSVILLE WSO AP		73.2	44.6	58.9	- 3.3	81	25	34	15	191	0	0	0	0	- 1.78	.76	13		0		1	1	0		
MOULTON 2		75.6	43.9	59.8		84	12	32	15	179	0	0	1	0		.77	13		0		2	2	0		
MUSCLE SHOALS FAA AP		74.7	46.0	60.4	- 1.8	87	12	35	28	160	0	0	0	0	- 1.84	.37	13		0		1	0	0		
RED BAY		77.7	47.4 <sup>M</sup>	62.6 <sup>M</sup>		87	4			93	0	0	0	0		.14	26		0		1	0	0		
RUSSELLVILLE 2		72.1 <sup>M</sup>	39.0 <sup>M</sup>	55.6 <sup>M</sup>		83	23	27	15	289	0	0	0	0		1.57	14		0		3	2	1		
DIVISION				58.8	- 3.1										- 1.42				0						
APPALACHIAN MOUNTAINS 02																									
BESSEMER 3 WSW		77.9	44.9	61.4		87	12	32	15	136	0	0	1	0	- 2.08	.28	13		0		1	0	0		
BIRMINGHAM WSO AP		75.6	46.0	60.8	- 2.5	86	12	34	15	154	0	0	0	0	- 2.36	.11	13		0		2	0	0		
GUNTERSVILLE																									
ONEONTA		75.0 <sup>M</sup>	42.1	58.6 <sup>M</sup>	- 2.9	85	13	32	19	207	0	0	3	0	- 1.94	.45	1		0		2	0	0		
SAINT BERNARD		75.0	42.7	58.9	- 2.4	83	23	30	15	198	0	0	2	0	- .85	.80	1		0		3	2	0		
SAND MT SUBSTA AU		73.1	42.5	57.8		83	14	29	16	221	0	0	3	0		.25	1		0		1	0	0		
SCOTTSBORO																									
VALLEY HEAD		73.9	38.1	56.0	- 3.7	84	14	24	17	280	0	0	12	0	- 2.05	.70	1		0		1	1	0		
DIVISION				58.9	- 2.9										- 1.98				0						
UPPER PLAINS 03																									
ALICEVILLE		77.9	43.2	60.6		89	4	33	15	166	0	0	0	0	- 1.54	.70	14		0		1	1	0		
BANKHEAD LOCK AND DAM		77.8	49.2	63.5		88	4	40	19	95	0	0	0	0	- 2.03	.37	14		0		1	0	0		
CENTREVILLE WSMO		78.3	45.5	61.9		86	14	33	17	120	0	0	0	0		.05	14		0		0	0	0		
CLANTON		78.7	41.6	50.2	- 3.2	85	24	30	19	153	0	0	4	0	- 2.41	.00			0		0	0	0		
DOUBLE SPRINGS																									
FAYETTE		78.8 <sup>M</sup>	41.3 <sup>M</sup>	60.1 <sup>M</sup>	- 2.8	85	6			158	0	0	0	0	- 2.56	.00			0		0	0	0		
HALEYVILLE 3 NE		72.4	45.2	58.8	- 3.3	80	3	25	18	192	0	0	4	0	- 1.15	.72	13		0		3	1	0		
HAMILTON 3 S		76.4	36.5	56.5		86	13	28	16	264	0	0	13	0		.53	1		0		3	1	0		
JASPER 4 N		75.0	39.5	57.3		84	24	29	15	246	0	0	6	0		.39	14		0		1	0	0		
THORSBY EXP STATION		77.5	48.4	63.0		86	13	32	17	102	0	0	1	0		.00			0		0	0	0		
TUSCALOOSA FAA AP		79.1	47.6	63.4	- .9	89	13	37	18	98	0	0	0	0	- 1.91	.54	13		0		2	1	0		
TUSCALOOSA OLIVER DAM		77.9	46.6	62.3		87	13	36	16	115	0	0	0	0	- 1.83	.50	14		0		2	1	0		
VERNON 2 N		77.2	38.5	57.9		86	13	28	29	231	0	0	8	0		1.60	14		0		1	1	1		
WINFIELD 2 SW		75.6	40.7	58.2		86	23	30	16	217	0	0	2	0	- .42	1.49	14		0		2	1	1		
DIVISION				60.3	- 3.2										- 1.75				0						
EASTERN VALLEY 04																									
ANNISTON FAA AP		77.2	46.9	62.1		86	13	32	15	124	0	0	1	0		.15	13		0		1	0	0		
CALERA 2 SW								30	19		0	0	0	0	- 2.38	.00			0		0	0	0		
CENTRE 4 SW		74.7	44.5	59.6		85	14	30	19	178	0	0	4	0		.08	14		0		0	0	0		
CHILDERSBURG WTR PLANT		79.7	44.1	61.9		87	13	31	19	127	0	0	3	0	- 1.95	.50	13		0		1	1	0		
GAUSSON STEAM PLANT		75.7	46.1	60.9	- 1.1	84	24	36	20	140	0	0	0	0	- 2.31	.22	2		0		1	0	0		
TALLADEGA		79.5	40.8 <sup>M</sup>	60.2 <sup>M</sup>	- 2.9	87	13	28	20	157	0	0	6	0	- 2.30	.01	3		0		0	0	0		
DIVISION				60.9	- 1.7										- 2.32				0						
PIEDMONT PLATEAU 05																									
ALEXANDER CITY		79.3	47.2	63.3		87	13	35	19	99	0	0	0	0	- 2.36	.15	14		0		2	0	0		
ASHLAND 2 SSE		75.0	45.1	60.1		85	14	33	19	159	0	0	0	0		.14	14		0		1	0	0		
AUBURN AGRONOMY FARM		78.5	52.0	65.3	- 2	86	6	34	15	73	0	0	0	0	- 2.49	.02	1		0		0	0	0		
HEFLIN		75.6	42.6 <sup>M</sup>	59.1 <sup>M</sup>		83	23	27	16	192	0	0	5	0		.45	14		0		1	0	0		
LAFAYETTE		80.5	47.1	63.8		87	12	30	15	84	0	0	1	0		.00			0		0	0	0		
MARTIN DAM		77.5	51.7	64.6		86	13	34	15	73	0	0	0	0	- 1.95	.15	1		0		1	0	0		
OPELIKA		78.0	46.8	62.4		85	24	32	15	121	0	0	1	0		.00			0		0	0	0		
ROCKFORD 2 NNW		77.3	45.1	61.2		84	24	31	15	125	0	0	1	0		.40	14		0		2	0	0		
ROCK MILLS		78.1	44.0	61.1	- 1.5	85	24	30	19	135	0	0	4	0	- 2.26	.15	14		0		1	0	0		
DIVISION				62.3	- 1.3										- 2.31				0						
PRAIRIE 06																									
DAYTON 1 N		79.6	47.4	63.5		87	14	34	15	95	0	0	0	0	- .29	2.00	1		0		1	1	1		
DEMOPOLIS LOCK AND DAM		78.2	47.6	62.9		88	14	34	16	115	0	0	0	0	- 2.37	.08	14		0		0	0	0		
GAINESVILLE		79.5	46.3	62.9		89	4	36	18	109	0	0	0	0	- 2.14	.05	14		0		0	0	0		
GREENSBORO		79.2	49.7	64.5	- 2.0	87	3	34	15	84	0	0	0	0	- 2.19	.29	14		0		1	0	0		
HAYNEVILLE		79.0	47.8	63.4		84	31	32	17	81	0	0	1	0	- 2.15	.00			0		0	0	0		
LIVINGSTON 2 SW		80.3				88	3	40	16		0	0	0	0	- 2.34	.11	14		0		1	0	0		
MARION JUNCTION 2 NE		77.6	46.0	61.8		86	14	33	16	123	0	0	0	0	- .34	2.09	1		0		1	1	1		
MINTER 3 NW																									
MONTGOMERY WSO AP		78.2	52.3	65.3	- .5	86	13	40	19	72	0	0	0	0	- 2.23	.01	14		0		0	0	0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
OCTOBER 1978

STATION		TEMPERATURE											PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									MAX.		MIN.					TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	1.00 OR MORE		
									32° OR HIGHER	32° OR LOWER	32° OR HIGHER	32° OR LOWER											
SELMA UNION SPRINGS 4 S		81.0 79.3	52.3 49.6	66.7 64.5	- .1 - 1.5	88 12 86 13	39 19 36 17	46 91	0 0	0 0	0 0	0 0	.08 .36	- 2.48 1.98	.08 .27	14 1	.0 .0	0 0	0 0	0 0	0 0		
DIVISION				63.9	- 2.0								.51	1.87			.0						
COASTAL PLAIN 07																							
ANDALUSIA 1 NW		80.5	50.9	65.7	- 1.2	87 6	37 19	73	0	0	0	0	.44	- 1.91	.32	1	.0	0	2	0	0		
ATMORE		81.4	53.4	67.4		88 14	41 15	42	0	0	0	0	.15		.12	1	.0	0	1	0	0		
BEATRICE 1 E		79.0M	54.2M	66.6M					0	0	0	0	.00	- 2.11	.00		.0	0	0	0	0		
BRANTLEY		82.3				89 29	31 16		0	0	3	0	.03	- 2.03	.03	30	.0	0	0	0	0		
BREWTON 3 ENE		81.5	47.6	64.6		88 14	33 15	91	0	0	0	0	.35		.35	1	.0	0	1	0	0		
BREWTON 3 SSE		81.1	48.3	64.7	- 1.2	88 5	33 17	90	0	0	0	0	.18	- 2.62	.18	1	.0	0	1	0	0		
CAMDEN 3 NW		79.6	49.5	64.6		88 14	36 16	80	0	0	0	0	.06		.05	1	.0	0	0	0	0		
CHATON 4 N		82.2	52.2	67.2		88 22	39 17	46	0	0	0	0	.21		.21	14	.0	0	1	0	0		
CLAYTON		78.3	53.0	65.7		87 6	40 17	63	0	0	0	0	.1	- 2.13	.1	30	.0	0	0	0	0		
ENTERPRISE 5 NNW		80.6	53.9	67.3		90 6	41 17	53	1	0	0	0	.19		.13	1	.0	0	1	0	0		
EUFULA WILDLIFE REF		81.4M	48.2M	64.8M	- 1.3	89 5	33 18	78	0	0	0	0	.00	- 1.94	.00		.0	0	0	0	0		
EVERGREEN		81.5	50.6	66.1	.5	90 14	37 19	71	1	0	0	0	.05	- 2.07	.05	30	.0	0	0	0	0		
FRISCO CITY		79.0	51.9	65.5		87 13	37 15	73	0	0	0	0	.12	- 2.64	.12	1	.0	0	1	0	0		
GENEVA 2		80.6	50.8	65.7		88 6	35 16	72	0	0	0	0	.19		.18	30	.0	0	1	0	0		
GILBERTOWN																							
GREENVILLE		80.6	49.3	65.0	- 1.8	89 14	38 17	81	0	0	0	0	.65	- 1.66	.65	30	.0	0	1	1	0		
HEADLAND		80.2	52.2	66.2		88 13	38 16	64	0	0	0	0	.29		.19	14	.0	0	2	0	0		
HIGHLAND HOME		79.8	49.6	64.7	- 1.7	87 13	35 16	81	0	0	0	0	.19	- 2.05	.14	30	.0	0	1	0	0		
OZARK 6 NNW		82.9	55.4	69.2	- 1.6	93 5	41 17	31	2	0	0	0	.00	- 1.90	.00		.0	0	0	0	0		
PITTSVIEW		80.3M	43.4M	61.9M		88 6	27 17	137	0	0	6	0	.03		.03	1	.0	0	0	0	0		
THOMASVILLE		82.5				90 14			2	0	0	0	.03	- 2.93	.03	1	.0	0	0	0	0		
TROY		81.7	53.2M	67.5M	.5	89 5	40 17	50	0	0	0	0	.15	- 2.11	.15	30	.0	0	1	0	0		
WHATLEY		80.5				88 5			0	0	0	0	.66	- 1.87	.66	14	.0	0	1	1	0		
DIVISION				65.8	- .7								.18	2.17			.0						
GULF 08																							
BAY MINETTE 3 NNW		81.9	53.8	67.9	- 1.0	87 13	37 15	40	0	0	0	0	.00	- 2.84	.00		.0	0	0	0	0		
COOEN		78.8	55.1	67.0		86 5	38 15	43	0	0	0	0	.00		.00		.0	0	0	0	0		
DAUPHIN ISLAND 2		77.7	65.1	71.4		84 6	55 17	5	0	0	0	0	T		T	23	.0	0	0	0	0		
FAIRHOPE 2 NE		79.7M	54.4M	67.1M	- 1.9	86 6	40 15	44	0	0	0	0	.00	- 3.04	.00		.0	0	0	0	0		
MOBILE WSO AP		81.7	57.9	69.8	.9	88 13	42 15	20	0	0	0	0	T	- 2.55	T	14	.0	0	0	0	0		
ROBERTSORE		81.3M	53.5M	67.4M	- .8	87 6	39 15	47	0	0	0	0	T	- 2.96	T	1	.0	0	0	0	0		
DIVISION				68.4	- .7								T	- 2.82			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX



ALABAMA  
OCTOBER 1970SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
OCTOBER 1978

DAILEY PRECIPITATION																																OCTOBER	1976
STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SELMA	.08																																
SUTTLE	1.45	1.45													.08																		
TALLAPOOSA WATER PLT	.48	.48																															
UNION SPRINGS 4 S	.36	.27																															
UNIONTOWN	1.00	1.00													.09																		
WARRIOR LOCK AND DAM	.42																																
X X X															.42																		
COASTAL PLAIN 07																																	
ABBEVILLE 1 NW	.88	.08													.88																		
ALBERTA	.59	.59																															
ANDALUSIA 1 NW	.44	.32	.01																														
ATHENS	.15	.12													.11																		
BEATRICE 1 E	.00																																.03
BRANTLEY	.03																																
BREWTON 3 ENE	.35	.35																															.03
BREWTON 3 SSE	.18	.18																															
BRUNSDIDGE	1.42	T																															
CAMDEN 3 NW	.06	.05													.05																		1.42
CHATHAM 4 N	.21														.01																		
CLAIBORNE	.00														.21																		
CLAYTON	T	T																															T
COFFEE SPRINGS 2 NW	.00																																
COTTONTON	.00																																
ELBA	.10	.10																															
ENTERPRISE 5 NW	.10	.13																															
EUFULA WILDLIFE REF	.00																																.06
EVERGREEN	.05	T																															.05
FRISCO CITY	.12	.12																															.18
GENEVA 2	.19	.01																															.65
GEORGTOWN	.05	.05																															.10
GILBERTOWN																																	.65
GREENVILLE	.65																																.10
HEADLAND	.29	.10																															.19
HIGHLAND HOME	.19	.02													.19																		.03
HURTSBORO	.31	.22													.03																		.22
JACKSON	.00														.00																		.45
KINSTON	.47	.45																															.01
LOUISVILLE	.01																																.02
MELVIN	.00																																.01
NEWTON	.15	.15																															
OZARK 8 NW	.00																																
PINE APPLE	.34																																
PITTSVIEW	.03	.03													.10																		.24
RIVER FALLS	.41	.28																															
THOMASVILLE	.03	.03													.11																		.02
TROY	.15														T																		.02
WALLACE 2 E	.00																																.15
WATLEY	.66														.66													</					

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STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	79 63	78 54	78 50	84 50	83 42		70 35	68 33	67 33	79 40	77 50	80 60	82 62	71 61	60 30	64 30	61 34	59 31	69 36	73 36	70 37	79 41	82 41	83 47	34	79 38	72 41	59 35	70 40	72 42	76 45	73.2 41.7
BELLE MINA 2 N	MAX MIN	77 59	73 51	78 49	82 52	75 43	79 43	66 39	66 34	67 34	71 35	76 45	81 56	82 58	75 44	60 32	63 31	65 34	65 34	69 38	74 36	74 38	78 39	82 44	81 45	63 37	79 38	77 43	70 35	73 36	76 45	76 51	73.3 41.9
FALKVILLE 1 E	MAX MIN	76 58	75 50	79 50	82 54	75 42	80 43	68 35	66 33	67 34	70 36	77 51	80 57	82 54	79 40	60 34	65 32	65 34	65 34	70 36	77 36	73 36	80 38	82 44	82 47	64 37	80 38	77 43	71 33	74 32	77 37	76 54	74.0 41.5
HUNTSVILLE WSO AP	MAX MIN	74 53	78 50	81 52	74 50	79 44	67 43	65 39	66 36	69 38	74 46	80 55	81 57	75 54	60 38	62 40	64 44	64 35	67 37	72 38	71 40	78 40	81 44	81 47	65 46	81 43	80 52	71 46	75 39	78 54	78 40	78 45	73.2 44.6
MOULTON 2	MAX MIN	74 60	80 50	84 52	78 56	76 43	70 44	66 37	68 34	71 34	76 42	81 54	84 59	79 56	66 44	60 32	63 42	65 34	65 33	76 38	82 39	82 39	83 43	73 52	80 47	82 37	82 56	72 42	78 34	78 35	80 47	75.6 43.9	
MUSCLE SHOALS FAR AP	MAX MIN	76 59	79 49	82 55	78 54	82 50	70 47	67 45	68 41	73 38	79 46	81 58	87 61	74 63	64 61	69 34	67 44	62 40	68 35	73 43	73 40	77 42	82 45	83 54	62 42	82 44	74 43	72 44	76 42	78 39	79 44	74.7 46.0	
RED BAY	MAX MIN	78 50	73 50	84 51	87 48	81 49	79 46	72 49	71 48	72 56	78 45	83 53	84 64	82 63	78 61	75 34	69 44	67 40	69 35	74 43	80 40	86 42	83 45	84 54	78 42	81 44	79 43	72 44	77 42	78 40	77 39	77.7 47.4	
RUSSELLVILLE 2	MAX MIN	80 53	69 42	76 42	79 42	72 38	75 38	69 32	64 29	64 28	73 31	78 56	79 51	67 56	61 41	62 27	60 36	61 29	71 30	76 36	75 36	81 36	83 39	82 44	59 34	79 36	73 43					72.1 39.0	
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	78 58	82 57	86 50	83 51	84 46	72 41	71 38	72 36	75 40	81 41	83 53	87 62	86 48	65 38	68 32	71 38	70 39	73 33	78 39	78 39	82 42	85 48	86 45	67 45	82 41	78 55	78 48	78 48	77 48	82 46	77.9 44.9	
BIRMINGHAM WSO AP	MAX MIN	73 54	79 50	82 52	78 49	81 45	66 42	64 35	65 36	69 38	77 46	82 58	86 57	85 46	63 51	64 34	70 45	68 35	71 40	77 38	77 41	81 41	82 44	84 49	65 53	81 44	80 63	78 48	78 42	81 40	78 61	78 45	75.6 46.0
GUNTERSVILLE	MAX MIN																																
ONEONTA	MAX MIN	75 58	73 50	79 49	82 52	77 42	80 44	70 38	67 37	67 34	73 36	78 51	79 54	85 54	62 48	64 33	70 32	67 33	70 32	75 33	77 37	81 39	83 42	84 45	65 40	80 42	80 49	75 43	75 40	80 42	77 44	75.0 42.1	
SAINT BERNARD	MAX MIN	78 59	75 45	79 55	82 55	76 42	80 44	69 35	66 38	70 35	72 42	78 51	83 53	82 53	65 45	65 35	66 35	66 35	70 33	76 39	74 37	80 40	83 43	82 51	68 46	82 41	78 44	72 40	74 39	76 50	73 42	75.0 42.7	
SAND MT SUBSTA AU	MAX MIN	73 57	75 47	78 47	81 53	75 41	70 42	66 37	64 35	66 36	69 38	73 51	78 53	82 53	83 46	58 29	61 29	65 32	65 33	67 34	75 35	76 38	78 40	81 47	80 47	73 44	77 52	78 48	73 40	76 43	77 52	74 52	73.1 42.5
SCOTTSDORO	MAX MIN																																
VALLEY HEAD	MAX MIN	73 57	72 45	78 46	81 47	71 37	78 37	66 30	66 28	67 28	70 30	72 50	78 51	83 55	84 48	58 25	61 25	62 24	68 26	69 28	78 30	75 32	80 33	82 41	83 41	76 45	77 51	78 42	75 35	76 32	78 34	75 47	73.9 38.1
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	85 63	82 58	84 49	89 51	83 45	83 45	72 37	71 36	71 36	75 41	80 45	85 51	88 55	88 47	65 33	69 34	72 38	69 35	72 36	79 39	79 39	82 39	84 41	85 46	65 41	84 44	60 54	76 39	78 36	81 39	80 52	77.9 43.2
BANKHEAD LOCK AND DAM	MAX MIN	80 67	81 58	85 56	88 57	82 53	83 52	71 45	70 44	72 45	76 47	80 52	83 61	86 61	85 50	65 42	70 40	70 43	69 45	73 40	78 43	79 45	81 49	82 50	85 52	69 48	78 52	77 50	79 48	78 45	79 46	79 45	77.8 49.2
CENTREVILLE WSMO	MAX MIN	75 62	81 51	82 51	84 52	84 45	83 46	73 43	71 39	70 38	74 41	80 50	83 54	86 57	86 47	72 36	68 34	74 33	68 36	71 37	77 37	78 42	80 43	82 45	85 45	73 46	80 46	81 56	79 49	84 48	84 48	79 52	78.3 45.5
CLANTON	MAX MIN	75 61	80 46	81 48	84 51	85 45	83 48	74 35	71 36	71 34	75 36	80 42	81 48	85 51	85 47	69 30	69 33	76 32	71 31	73 30	79 33	80 35	81 37	83 40	85 47	78 43	80 46	81 48	81 44	82 42	84 45	79 47	78.7 41.6
DOUBLE SPRINGS	MAX MIN																																
FAYETTE	MAX MIN			82 51	85 46	82 47	85 45	76 35	75 36	80 39	83 50	83 56				70 33	70 33	68 32	72 32	80 34		82 32	80 46	81 42	79 41	83 42	79 46		77 45	82 45			78.8 41.3
HALEYVILLE 3 NE	MAX MIN	78 55	76 45	80 49	72 51	76 43	74 40	65 31	65 30	67 30	74 32	78 35	78 47	76 49	62 28	62 25	63 36	62 32	66 29	72 42	71 46	74 46	78 44	79 53	82 51	76 41	75 60	74 57	75 44	76 51	75 44	76 55	72.4 45.2
HAMILTON 3 S	MAX MIN	82 55	76 44	81 47	85 47	79 40	81 40	69 31	67 30	70 30	73 32	79 35	83 47	86 49	78 43	62 28	68 36	67 30	68 29	73 29	77 32	79 33	82 34	85 36	83 41	67 35	82 35	77 39	73 32	76 31	80 31	81 42	76.4 36.5
JASPER 4 N	MAX MIN	80 59	76 46	78 46	84 50	76 39	80 40	69 33	68 34	66 31	70 32	77 42	82 52	83 53	83 29	63 31	66 35	68 35	65 30	76 31	75 35	80 34	83 35	84 44	62 35	81 37	78 45	73 40	75 38	78 48	78 42	75.0 39.5	
THORSBY EXP STATION	MAX MIN	79 60	82 54	84 52	84 62	84 54	70 41	69 40	73 40	73 40	79 50	82 55	84 54	86 50	65 47	67 35	74 41	69 32	72 40	78 38	78 47	80 43	81 44	85 50	81 56	79 45	80 51	75 51	75 50	77 53	79 56	77.5 48.4	
TUSCALOOSA FAR AP	MAX MIN	82 57	84 53	87 53	84 48	75 50	72 40	72 40	76 40	82 40	85 46	87 56	87 59	89 43	66 37	70 41	73 37	80 49	80 44	82 42	84 44	87 49	84 48	85 48	73 46	79 46	69 56	80 46	83 46	82 56	82 51	79.1 47.6	
TUSCALOOSA OLIVER DAM	MAX MIN	80 63	80 53	83 52	83 53	82 49	81 49	71 42	69 42	70 40	75 42	82 47	84 60	86 60	65 36	63 43	71 36	68 38	72 38	78 39	79 44	80 44	83 44	85 45	76 46	83 46	85 56	76 46	78 43	80 44	80 51	77.9 46.6	
VERNON 2 N	MAX MIN	83 57	78 45	76 46	86 46	79 41	81 40	70 34	67 31	69 32	74 36	80 51	84 56	86 55	63 29	68 30	69 32	72 33	78 35	78 35	81 34	83 36	84 42	79 37	81 38	75 31	80 37	78 45	78 38	81 45	79 45	77.2 38.5	
WINFIELD 2 SW																																	

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CALERA 2 SW	MAX MIN	78 64	82 47	85 49	83 60	78 43	85 43	68 35	70 35	73 34	79 48	81 52	82 55	78 51	68 49	68 30	72 35	70 33	72 35	80 30													
CENTRE 4 SW	MAX MIN	75 59	74 48	78 51	81 55	76 42	81 50	68 41	67 37	67 34	70 46	74 54	80 50	84 56	85 51	63 30	62 33	69 32	65 35	67 30	76 32	75 36	79 44	81 45	83 51	73 44	79 52	80 51	74 44	78 43	76 53	75 51	74.7 44.5
CHILDERSBURG WTR PLANT	MAX MIN	77 60	82 51	84 50	86 60	85 45	80 50	72 36	70 35	74 33	80 45	83 54	87 50	87 50	72 50	67 31	74 36	74 36	73 31	79 38	79 36	84 38	85 38	85 38	85 43	82 53	83 53	82 55	79 44	81 42	80 55	78 54	79.7 44.1
GRANDSON STEAM PLANT	MAX MIN	76 55	77 52	79 56	83 55	79 48	83 49	68 45	68 44	70 39	70 39	74 51	81 52	84 55	84 51	61 38	67 38	68 39	65 38	69 37	76 36	76 41	80 41	84 46	84 49	75 47	79 48	78 53	77 47	79 42	75 43	78 54	75.7 46.1
TALLADEGA	MAX MIN	83 58	83 48	80 45	85 46	85 41	80 38	75 34	70 34	73 30	79 47	83 55	86 50	87 53	70 29	70 30	73 34	71 30	73 30	78 30	79 28	83 39	85 39	85 44	82 46	84 47	83 42	80 41	80 42	80 44	80 44	79.5 40.8	
PIEDMONT PLATEAU	05																																
ALEXANDER CITY	MAX MIN	75 62	77 51	83 52	85 55	84 50	85 55	75 41	72 39	73 38	74 43	82 50	84 53	87 54	86 52	68 36	67 35	77 37	72 40	73 35	78 38	80 42	85 45	85 46	85 48	79 49	82 50	80 55	82 50	83 52	80 56	79 54	79.3 47.2
ASHLAND 2 SSE	MAX MIN	73 61	72 49	79 51	82 54	80 50	83 48	68 35	66 35	67 37	71 38	76 49	79 50	82 50	85 50	62 35	63 35	71 36	67 36	68 33	74 34	74 40	80 47	81 45	81 47	74 48	80 49	78 55	78 52	79 52	76 52	75 50	75.0 45.1
AUBURN AGRONOMY FARM	MAX MIN	73 64	75 55	83 57	84 58	85 59	86 57	75 43	72 43	74 40	75 51	79 57	83 57	84 61	84 57	69 34	68 37	78 39	70 44	72 43	78 48	77 48	80 50	80 52	85 54	83 57	82 58	80 58	82 57	83 58	77 57	77 59	78.5 52.0
HEFLIN	MAX MIN	73 59	72 44	80 53	82 58	80 43	80 50	68 35	66 36	68 31	73 41	76 51	77 47	81 45	83 51	69 36	64 27	63 31	70 29	71 29	77 37	76 34	82 37	83 42	81 44	77 44	80 50	80 50	78 44	78 50	78 50	75.6 42.6	
LA FAYETTE	MAX MIN	74 60	83 47	86 54	87 55	87 48	81 50	72 36	73 40	77 37	81 50	83 53	87 52	84 58	82 52	68 30	79 40	71 35	72 37	81 33	81 40	86 42	86 48	86 48	83 48	84 52	80 57	82 51	85 50	78 53	79 53	79 53	80.5 47.1
MARTIN DAM	MAX MIN	72 64	80 54	84 55	82 55	85 57	74 52	69 52	69 44	71 51	80 55	84 54	85 58	86 56	72 47	65 34	78 44	69 46	69 45	75 42	76 45	82 49	85 49	81 54	81 52	81 54	79 60	78 61	79 59	79 60	76 51	77.5 51.7	
OPELIKA	MAX MIN	73 63	75 48	83 47	83 48	85 53	85 52	75 39	71 40	71 37	74 38	80 60	83 52	85 53	83 32	69 34	67 34	68 39	70 44	78 33	78 36	82 40	84 47	85 46	85 48	82 55	83 52	83 52	76 51	84 54	83 57	78 56	78.0 46.8
ROCKFORD 2 NW	MAX MIN	73 60	78 53	81 51	82 52	83 49	83 48	72 38	70 38	70 36	73 44	80 49	81 47	82 50	84 48	66 31	66 37	74 34	70 34	77 35	77 41	78 43	83 43	84 48	84 48	75 48	80 48	78 52	80 49	83 52	80 53	77 53	77.3 45.1
ROCK MILLS	MAX MIN	74 61	73 46	82 46	83 53	84 46	85 46	72 35	70 40	71 33	76 47	79 48	82 47	85 54	85 53	67 30	66 31	76 36	70 32	71 30	79 36	79 35	82 40	83 42	85 47	82 45	80 49	80 50	79 48	83 53	77 54	77 52	78.1 44.0
PRAIRIE	06																																
DAYTON 1 N	MAX MIN	75 64	81 52	83 52	84 51	85 51	86 54	79 41	68 40	75 39	76 47	85 57	85 56	85 52	87 51	65 34	70 39	76 36	70 41	73 35	79 45	82 40	84 43	85 48	82 54	85 45	82 58	82 54	74 47	84 43	82 46	79 53	79.6 47.4
DESMOIS LOCK AND DAM	MAX MIN	73 65	80 53	83 53	86 54	83 51	87 49	73 44	70 41	70 40	75 43	83 50	81 59	87 59	88 52	65 36	70 38	74 40	68 39	71 38	79 36	79 36	82 40	84 44	80 48	74 48	85 48	82 63	77 51	76 46	81 46	79 46	78.2 47.6
GRAINESVILLE	MAX MIN	79 65	82 52	84 53	89 55	83 49	84 50	74 40	71 41	71 40	76 43	81 49	86 56	88 59	87 48	66 36	70 39	73 36	69 36	74 37	80 39	80 42	83 42	85 45	85 50	79 47	85 47	80 59	77 44	78 41	83 44	82 52	79.5 46.3
GREENSBORO	MAX MIN	81 62	83 60	87 53	83 57	84 52	73 52	72 40	71 40	73 43	81 50	84 60	86 59	86 60	65 50	70 34	74 42	69 36	73 42	79 37	79 45	85 42	85 43	86 50	75 55	85 48	81 56	79 58	79 48	84 50	80 62	81 54	79.2 49.7
HAYNEVILLE	MAX MIN	77 55	80 53	82 52	80 50	80 50	79 49	78 45	75 42	72 37	73 45	80 55	83 51	84 51	65 35	68 31	78 38	78 32	78 42	79 42	78 46	78 46	80 46	80 48	80 50	80 51	84 53	83 53	82 53	83 54	84 54	84 54	79.0 47.8
LIVINGSTON 2 SW	MAX MIN	81 61	82 45	88 52	85 55	83 58	87 55	73 45	71 41	72 40	79 43	82 50	84 60	86 62	67 46	69 41	71 44	76 40	84 41	77 44	77 44	84 44	82 44	84 46	86 50	85 51	81 57	83 61	79 56	81 62	83 54	85 56	80.3
MARION JUNCTION 2 NE	MAX MIN	69 63	80 53	81 50	83 53	83 50	84 50	73 41	69 38	69 40	82 40	84 49	86 57	84 53	67 37	68 33	73 38	69 36	73 36	77 36	77 40	81 36	82 44	84 48	78 46	81 48	81 60	80 51	78 47	84 48	78 53	77.6 46.0	
WINTER 3 NW	MAX MIN																																
MONTGOMERY WSO AP	MAX MIN	79 61	80 56	82 58	84 58	85 60	74 54	71 48	70 47	73 39	80 55	83 55	84 53	86 62	69 41	67 41	75 40	70 42	71 44	75 40	77 48	81 48	83 48	83 53	79 55	82 53	80 55	80 59	81 59	83 57	79 62	78 57	78.2 52.3
SELMA	MAX MIN	84 63	87 56	80 56	84 62	80 55	87 55	86 46	71 45	83 41	85 52	88 59	88 59	87 61	69 57	69 59	76 40	77 41	74 39	78 39	78 49	83 44	85 46	85 50	80 56	83 51	80 57	81 61	82 56	85 51	85 62	83 54	81.0 52.3
UNION SPRINGS 4 S	MAX MIN	74 63	77 52	81 52	83 57	85 57	85 59	75 41	72 41	71 40	76 43	80 55	86 56	86 57	82 36	70 36	78 36	70 38	73 38	74 38	84 44	85 44	82 50	84 54	80 56	82 60	83 55	82 55	83 55	84 58	78 58	78 58	79.3 49.6
COASTAL PLAIN	07																																
ANDALUSIA 1 NW	MAX MIN	74 67	81 56	81 58	84 58	86 60	87 58	78 43	72 40	73 39	77 55	83 55	85 53	86 62	85 61	72 37	70 37	80 38	73 44	75 37	78 42	81 40	83 46	85 51	85 48	82 52	82 57	83 52	84 53	84 53	81 61	81 61	80.5 50.9
ATMORE	MAX MIN	74 66	84 56	84 55	85 59	86 60	87 60	79 46	74 43	74 44	78 55	84 58	87 57	85 6																			

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CLAYTON	MAX MIN	71 63	75 55	80 55	82 59	84 60	87 58	78 45	76 43	70 46	75 50	80 56	81 58	83 63	80 57	70 40	67 42	78 40	69 41	70 45	77 49	78 50	81 52	81 56	83 55	81 57	83 59	84 56	83 58	83 60	80 56	77 58	78.3 53.0
ENTERPRISE 5 NNW	MAX MIN	74 64	79 56	84 56	86 60	87 62	90 62	79 42	72 44	73 45	77 48	82 58	85 59	86 60	83 59	72 41	69 43	80 41	73 43	74 45	78 49	80 53	83 52	84 55	85 56	84 57	84 58	84 60	85 61	84 61	83 60	80 61	80.6 53.9
EUFULA WILDLIFE REF	MAX MIN		76 49	79 52	85 53	89 55	88 52	80 37			75 47	84 54	85 50	87 59	78 37	63 44	80 33	73 33	75 35	80 40	83 40		85 45	86 45	85 51	85 56	86 51	85 52		85 57	79 58	81.4 48.2	
EVERGREEN	MAX MIN	77 66	82 54	82 53	86 55	87 59	88 58	79 42	74 43	74 44	77 45	85 58	86 54	87 57	90 57	73 38	70 37	83 40	72 44	75 37	79 38	81 40	84 42	85 48	86 53	83 55	84 56	84 58	84 57	86 59	79 62	81.5 50.6	
FRISCO CITY	MAX MIN	72 60	75 58	81 55	83 58	84 60	85 62	75 45	70 43	73 45	74 48	83 55	84 57	87 59	86 54	69 37	76 39	79 41	69 43	73 43	71 45	76 48	80 50	83 50	84 52	80 56	84 58	83 60	81 57	85 55	84 57	79 59	79.0 51.9
GENEVA 2	MAX MIN	74 66	82 53	82 54	85 59	87 59	88 59	80 45	73 42	73 44	78 46	84 56	85 56	86 57	81 60	74 37	70 35	80 36	73 42	74 39	78 39	80 40	82 47	83 52	84 50	85 50	84 57	85 57	85 56	83 62	82 61	80 59	80.6 50.8
GILBERTOWN	MAX MIN																																
GREENVILLE	MAX MIN	72 65	81 54	82 54	82 56	85 57	87 57	76 44	72 42	73 41	77 43	85 56	86 54	87 55	89 55	71 38	69 39	80 38	72 40	75 40	77 39	80 40	84 47	85 50	86 55	82 53	82 51	83 50	84 52	84 55	85 56	85 52	80.6 49.3
HEADLAND	MAX MIN	74 64	75 54	82 55	85 59	87 60	88 58	80 45	71 42	73 41	78 55	85 54	85 54	88 56	81 60	72 39	68 38	78 40	74 41	73 44	77 45	79 46	83 48	83 51	85 54	84 58	84 60	86 59	84 60	84 59	81 60	80 60	80.2 52.2
HIGHLAND HOME	MAX MIN	70 63	80 54	81 54	82 58	85 59	87 57	75 41	71 42	72 44	76 43	83 50	85 53	87 53	85 56	70 36	68 35	80 40	73 38	75 40	78 40	79 47	85 45	85 54	85 53	81 52	83 52	80 54	82 55	84 57	86 58	80 54	79.8 49.6
OZARK 6 NNW	MAX MIN	80 65	84 55	88 62	91 61	93 65	87 62	76 47	78 44	78 46	84 57	85 57	87 58	87 64	76 57	71 42	80 45	78 41	75 43	81 40	83 54	84 53	85 53	87 59	87 57	84 57	85 60	85 59	87 61	82 62	80 60	81 61	82.9 55.4
PITTSVIEW	MAX MIN	71 64	75 46	83 47	84 53	87 51	88 50	79 35	73 33	73 30	75 49	81 48	84 48	86 47	83 57	73 28	70 29	79 27	72 29	74 29	80 33	81 34	84 38	85 45	86 44		85 51	86 50	85 53	83 57	79 57	80.3 43.4	
THOMASVILLE	MAX MIN	71 61	85 64	86 48	84 57	87 55	89 52	79 44	75 38	75 37	79 44	85 57	87 58	90 61	90 52	73 40	75 43	80 41	73 40	77 39	82 39	83 36	86 39	87 39	88 36	84 46	86 46	84 49	84 50	83 57	88 59	83 59	82.5
TROY	MAX MIN	80 64	84 54	84 53	88 59	89 62	84 59	73 44	73 43	78 48	83 57	87 59	87 58	85 64	81 57	68 40	81 43	73 40	74 45	78 42	80 48	85 49	86 51	87 54	87 55	85 55	83 58	84 55	86 57	85 59	79 58	79 59	81.7 53.2
WHATLEY	MAX MIN	85 63	84 64	74 48	85 57	88 55	85 52	77 44	85 38	85 37	75 44	80 56	77 60	78 61	77 52	71 40	70 36	73 37	77 39	76 39	80 36	82 39	84 39	85 36	82 48	85 46	86 46	85 46	85 49	85 50	84 57	85 59	80.5
• • •																																	
GULF	08																																
BAY MINETTE 3 NNW	MAX MIN	84 67	83 58	84 57	85 62	87 60	85 58	73 44	72 44	77 49	83 56	85 59	86 60	87 61	85 52	71 37	82 46	78 39	77 48	78 42	81 51	84 46	84 52	85 58	82 54	84 54	83 59	83 60	83 58	86 53	80 65	81 58	81.9 53.8
COOEN	MAX MIN	82 68	82 58	83 56	85 62	86 64	80 62	71 50	73 48	75 46	80 57	81 61	82 60	84 65	78 58	69 38	75 46	68 45	73 48	77 47	79 49	81 48	79 52	80 54	81 55	81 57	80 58	82 58	81 68	82 67	76 64	77 61	78.8 55.1
ORUPHIN ISLAND 2	MAX MIN	79 72	81 70	82 69	81 71	83 73	84 70	80 61	71 61	72 60	76 66	80 69	80 70	81 71	82 62	72 58	68 58	76 55	68 56	74 60	72 62	79 62	78 64	79 66	80 65	80 67	79 62	80 69	79 68	80 67	77 69	75 67	77.7 65.1
FAIRHOPE 2 NE	MAX MIN		82 59	81 58	81 58	85 62	86 63	78 51	72 48	73 52	78 54	84 61	84 61	84 62	84 58	72 40	69 42	79 46	72 45	76 45	77 45	80 47	80 47	82 55	81 58	81 56	83 58	83 58	84 60	82 57	83 64	76 61	79.7 54.4
MOBILE WSO AP	MAX MIN	84 65	83 60	84 62	85 66	87 66	79 60	74 52	73 50	79 51	84 60	84 64	87 64	88 67	74 52	73 42	83 51	71 48	77 50	80 50	83 53	84 52	83 55	84 57	84 60	86 62	85 64	84 64	86 61	79 65	82 63	81.7 57.9	
ROBERTSDALE	MAX MIN	78 69	84 57	84 57	84 57	87 62	87 62	79 49	74 45	74 45	78 49	85 60	85 60	86 61	86 62	74 39	72 43	80 43	72 43	77 46	79 45	82 46	84 45	82 57	85 56	84 55	84 55	85 59	86 60	85 56	75 61	81.3 53.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY SOIL TEMPERATURES

ALABAMA  
OCTOBER 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1N)																																	
	2	MAX MIN	81 69	84 62	91 63	92 67	93 66	92 67	90 67	87 58	87 56	82 56	85 63	90 66	90 70	90 67	86 53	82 53	82 52	79 54	81 53	82 55	82 57	86 58	86 60	85 62	87 63	84 65	81 65	85 64	87 65	80 63	82 64	85.5 61.4
	4	MAX MIN	78 70	79 65	87 66	87 70	89 70	89 70	84 68	81 62	80 60	76 59	81 66	84 68	86 73	83 68	80 58	77 57	77 56	76 58	77 58	79 59	78 60	80 60	80 62	83 65	83 66	82 68	79 67	79 65	81 66	77 64	79 67	81.0 64.2
	8	MAX MIN	- -	- -	82 68	81 72	83 72	83 73	81 71	77 64	76 64	73 64	76 67	80 70	80 70	79 70	77 63	73 62	73 62	72 60	72 61	74 61	73 63	75 63	76 65	77 67	78 68	77 69	75 69	76 68	77 68	75 67	75 68	76.8 66.5
BREWTON 3 ENE	(1N)																																	
	4	MAX MIN	74 69	83 65	84 65	87 64	89 68	88 69	85 62	80 58	81 58	78 57	85 63	89 67	85 67	89 70	82 57	78 56	80 56	78 57	79 56	79 56	81 58	82 58	83 59	84 63	83 63	83 64	83 65	83 64	82 66	85 66	82 66	82.7 62.3
HEROLAND	(1N)																																	
	4	MAX MIN	77 73	75 69	80 68	81 70	82 71	80 71	79 67	75 65	75 64	75 62	78 68	77 68	78 67	76 69	73 60	68 41	70 58	70 58	70 57	70 59	71 60	70 60	72 62	73 63	72 63	73 66	74 67	74 66	74 68	75 69	74 68	74.5 64.4
PITTSVIEW	(1N)																																	
	4	MAX MIN	76 74	77 68	86 68	83 71	86 72	85 72	84 67	85 65	80 64	78 64	79 69	82 69	82 69	80 72	80 64	78 63	78 62	76 62	76 60	77 60	78 64	78 63	78 65	80 66		80 67	80 70	80 70	79 70	79 70	79 69	80.0 67.0
THORSTON EXP STATION	(1N)																																	
	4	MAX MIN	84 74	87 70	87 71	88 75	84 71	84 70	80 66	80 65	77 64	80 66	81 69	82 69	83 71	83 68	78 65	79 63	77 62	77 61	78 60	80 63	79 62	80 63	84 65	85 67	85 55	81 68	82 70	8 69	80 68	79 67	82 66	81.5 66.5
WINFIELD 2 SW	(1N)																																	
	4	MAX MIN	78 69	81 64	82 65	84 70	85 64	81 65	80 60	78 60	78 59	74 60	78 66	80 65	80 69	73 60	71 53	69 54	72 54	72 54	72 55	73 58	75 58	76 59	76 61	77 65	69 58	74 65	71 62	75 60	74 56	74 56	74 62	76.0 60.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
OCTOBER 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
• • • NORTHERN VALLEY	01																																	
HUNTSVILLE WSO AP		EVAP	.15	.14	.16	.19	.22	.27	.16	.15	.12	.15	.11	.12	.23	.05	.21	.21	.17	.12	.19	.23	.06	.11	.19	.12	.11	.17	.12	.10	.16	.24	.12	4.85
		WIND	57	20	29	64	36	77	57	57	33	57	70	40	41	124	44	72	68	39	40	47	20	25	34	96	36	92	65	65	45	90	31	1671
		MAX	80	87	86	85	85	78	84	74	71	79	79	85	84	80	64	71	66	74	74	76	80	80	81	76	78	75	74	77	75	76	75	77.7
		MIN	65	59	62	66	58	54	48	47	50	53	57	60	69	64	43	48	40	48	50	52	52	55	58	58	49	62	50	47	49	57	55	54.4
• • • UPPER PLAINS	03																																	
WINFIELD 2 SW		EVAP	.11	.13	.18	.18	.18	.20	.18	.17	.13	.11	.14	.15	.16	.29	.13	.13	.17	.09	.16	.13	.14	.14	.15	.14	.05	.10	.08	.13	.15	.14	.17	4.51
• • • PIEDMONT PLATEAU	05																																	
AUBURN AGRONOMY FARM		EVAP	.06	.10	.15	.15	.22	.23	.21	.21	.18	.18	.21	.16	.18	.13	.25	.16	.24	.21	.16	.24	.27	.21	.17	.17	.17	.15	.08	.17	.24	.11	.23	5.60
		WIND	36	24	9	6	14	13	27	26	20	17	27	12	12	18	32	13	27	23	11	7	12	8	8	13	18	21	18	28	20	39	41	600
		MAX	73	76	85	83	86	83	78	74	75	70	78	82	83	85	73	70	75	70	71	73	76	78	81	81	81	79	77	80	81	76	76	77.7
		MIN	63	54	55	59	57	56	42	42	41	52	54	56	61	57	33	37	34	44	44	46	47	48	51	56	56	58	58	53	51	54	53	50.7
MARTIN DAM		EVAP	.13	.15	.12	.18	.15	.30	.19	.16	.12	.13	.14	.15	.16	.10	.13	.14	.23	.11	.13	.14	.15	.12	.10	.15	.11	.06	.12	.26	.09	.19	.11	4.52
		WIND	25	35	53	33	42	74	60	34	30	18	22	22	43	81	41	91	40	37	30	31	29	27	29	29	23	21	36	50	39	37	30	1192
• • • PRAIRIE	06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.05	.12	.11	.16	.35	.12	.25	.19	.15	.12	.12	.14	.19	.14	.19	.15	.23	.07	.09	.19	.18	.12	.13	.13	.13	.11	.11	.08	.15	.10	.13	4.50
		WIND	41	52	11	34	41	34	86	64	40	29	22	22	17	74	80	19	88	34	31	15	22	7	19	23	43	21	45	53	33	27	58	1185
		MAX	72	89	90	89	88	85	78	76	77	76	81	86	87	86	72	72	73	70	72	75	76	79	80	81	75	79	80	79	75	77	77	79.1
		MIN	68	58	58	60	55	55	47	43	46	48	53	62	63	55	43	42	47	42	47	47	48	47	50	55	50	52	64	65	48	48	47	52.0
• • • COASTAL PLAIN	07																																	
HEADLAND		EVAP	.03	.08	.11	.13	.15	.18	.24	.16	.13	.12	.15	.12	.14	.06	.20	.14	.13	.13	.10	.13	.17	.09	.14	.11	.12	.13	.11	.13	.07	.14	.16	4.00
		MAX	75	87	94	98	98	95	80	74	84	85	94	93	95	79	75	79	84	84	84	76	76	75	89	91	89	90	93	81	77	87	88	85.5
		MIN	66	59	58	64	64	65	46	44	-	50	58	58	59	62	41	40	42	43	44	47	48	48	54	57	56	60	63	62	62	64	58	54.7
• • • GULF	08																																	
FAIRHOPE 2 NE		EVAP	.24	.17	.15	.15	.16	.25	.17	.15	.14	.14	.14	.12	.20	.23	.15	.16	.17	.12	.15	.15	.15	.09	.13	.12	.11	.11	.12	.14	.09	.09	4.46	
		WIND	34	17	12	14	13	34	18	12	13	14	13	14	35	42	17	21	17	15	18	17	10	12	18	15	9	10	9	12	13	16	514	
		MAX	-	90	88	87	90	90	85	80	80	80	88	92	87	91	78	74	81	76	75	79	80	80	80	83	83	83	86	85	80	79	74	82.8
		MIN	-	68	63	63	66	62	53	50	50	53	59	63	64	62	46	46	51	50	50	53	54	53	55	60	60	60	62	62	58	57	61	57.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465					JOHN S RICHBURG PROF PALMER GODSEY SIDNEY J HAROY JR HENRY D OENHAM W MORRIS TAYLOR SEWAGE DISPOSAL PLANT FAR MRS DORA R DAVIS LOWELL SMITH RADIO STATION WJMW
ADDISON	0063	03	WINSTON	2	34 13	87 11	795					
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175					
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A			
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A			
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A			
ANNISTON FAR AP	0272	04	CALHOUN	7	33 35	85 51	611	M10	M10			
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500					
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A			
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A			
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A			RADIO STATION WATM NATL WEATHER SERVICE JAMES B NEIGHBORS U S CORPS OF ENGINEERS WILLIAM E MILLER JR MARY L BAYLES AUBURN UNIVERSITY VONDLER STOUGH VALLEY T W-TRMT PLT NATL WEATHER SERVICE
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A			
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200					
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A			
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A			
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A			
BERRY	0748	03	FAYETTE	2	33 40	87 36	452					
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	M10	M10			
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	M10	M10			
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070					ROBERT L WHEELER R E HENDERSON AUBURN UNIVERSITY JOHN ROBERT PEAVY JOE K STYRON GEORGE L HICKS FAYE G FAUST AUBURN UNIVERSITY MRS ANNA MAE GARRISON DON R WATSON
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A			
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A			
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A			
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606					
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510					
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	5P	5P			
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	5P	5P			
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430					
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A			
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A			WEA SERV MET OBS ALABAMA FORESTRY COMM CITY WATER PLANT TOLLIE L HASKEW MARION W EASTERLING MRS ELIZABETH M WESTON LEWIS M DEGEER HENRY F KELLY JAMES E EDISON EDWARD A BARTON
CHATON 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	5P	5P			
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	5P	5P			
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183					
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A			
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A			
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A			
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250					
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470					
CORDOVA 2 ENE	1940	03	WALKER	2	33 45	87 09	320					
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217					HUGH S KITE REUBEN P HARRIS WILLIAM L BARTLETT RUFUS P PLESS DAUPHIN ISLAND SEA LAB R N HEREFORD INACTIVE 3/31/77 U S CORPS OF ENGINEERS M H RONEY MITCHELL DRAKE
CUBA	2079	06	SUMTER	13	32 26	88 23	215	7A	7A			
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630					
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730					
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A			
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A			
DELTA	2235	05	CLAY	11	33 26	85 42	1030					
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A			
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275					
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A			
ELBA	2577	07	COFFEE	10	31 25	86 04	195					ARTHUR C BRUNSON MRS HELEN E FAIR JERRY R MARTIN EUFULA WILDLIFE REFUGE GEORGE E WINDHAM AUBURN UNIV EXP STA JOHN M DUNAWAY GORMAN J BLACK CARL PARKER W C MAJORS
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252					
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A			
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A			
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A			
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A			
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A			
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934					
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A			
GARDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A			GARDEN STEAM PLANT MACK C FIELDS MRS GLADYS MCKENZIE ROBERT C REYNOLDS T E MASON ALTON C LAND ALABAMA POWER CO MRS WILLIE J ARRINGTON MICHAEL L FINDLEY
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A			
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500					
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285					
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P			
GORGAS	3430	03	WALKER	2	33 39	87 12	300					
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P			
GREENVILLE	3519	07	BUTLER	6	31 50	86 37	525	7A	7A			

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## STATION INDEX

ALABAMA  
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STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-76S
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	CH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	M10	M10	M10	C HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIEO PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	MARY LOU WILKERSON
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN DAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY DAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARTIN JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		CH	AUBURN UNIVERSITY
MARTIN DAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREDO S ADAMS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			GEORGE WILCOX
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL DAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	SP	SP		H	INACTIVE S/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMERDALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EODINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		CH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 32	205		7A			RONY B TOMLIN
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSDALE	6988	08	BALDWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J CHANDLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
OCTOBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSEY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAKISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILARD
TUSCALOOSA FRA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		C H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1042	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	BIH8	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR

SEE REFERENCE NOTES FOLLOWING STATION INDEX



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extreme" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 noon, c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NRMS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SDIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	: Sumter clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thorsby Exp. Station	: Fine loam	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2-6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Cage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- ⊕ Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CDNECUH 7-COOSA 8-ESCAMBIA 9-CULF 10-PEA  
11-TALLAPPOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

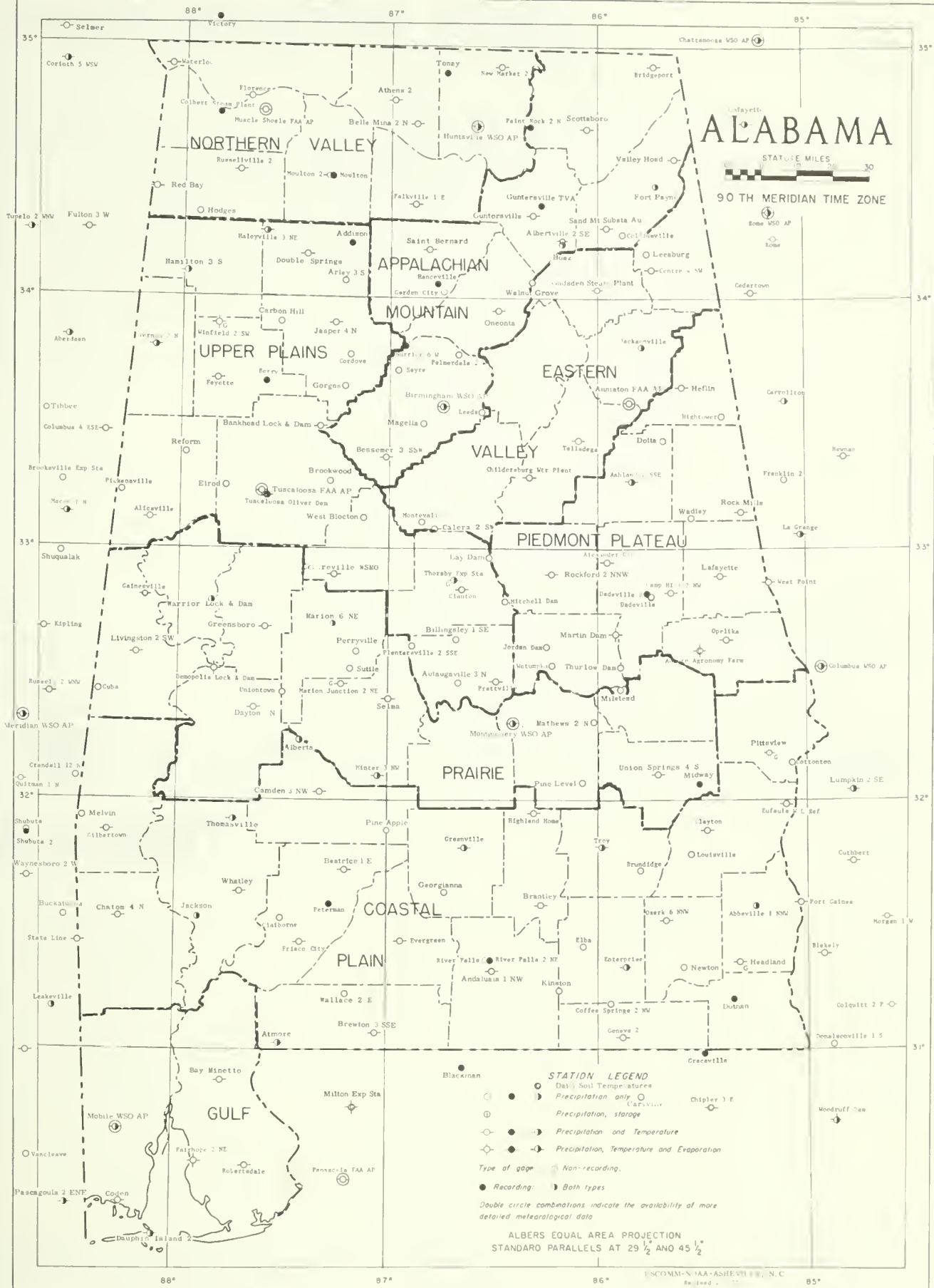
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications.

Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.

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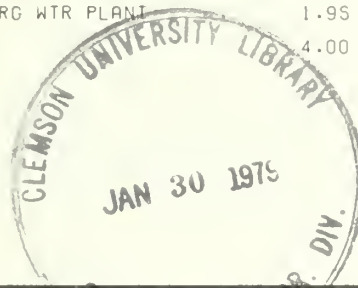
# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS	86	DATE 17+
LOWEST TEMPERATURE:	2 STATIONS	27	DATE 2S+
GREATEST TOTAL PRECIPITATION:	MOBILE WSO AP	5.05	
LEAST TOTAL PRECIPITATION:	CHILDOERSBURG WTR PLANT	1.95	
GREATEST 1 DAY PRECIPITATION:	COOEN	4.00	DATE 27



## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)							RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							CENTRAL														
							00	06	12	18											
BIRMINGHAM WSFO	-	-	-	-	-	-	-	-	-	-	2	2	4	0	1	0	9	61	-		
BIRMINGHAM FAA AP	6	1.2	5.5	-	-	-	72	76	53	63	4	1	4	2	0	0	11	-	-		
HUNTSVILLE WSO AP	S	1.7	7.1	20+	29	27+	78	82	55	61	3	2	4	2	1	0	12	-	6.5		
MOBILE WSO AP	6	2.0	6.5	21+	17	26+	81	85	56	67	3	2	1	1	1	1	9	-	5.8		
MONTGOMERY WSO AP	2	0.6	4.8	33	N	29	74	78	51	58	1	1	1	4	0	0	7	58	6.0		

CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
NOVEMBER 1978

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.50 OR MORE	1.00 OR MORE	
											30° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW											
NORTHERN VALLEY 01																									
ATHENS 2		71.3M	42.4	56.9M		83	14	29	9	248	0	0	2	0					.0	0					
BELLE MINA 2 N		68.3	43.1	55.7		79	3	32	9	276	0	0	1	0	3.40		.91	18	.0	0					0
FALKVILLE 1 E		68.6	42.5	55.6		78	17	30	9	284	0	0	2	0	4.60		1.20	23	.0	0					2
HUNTSVILLE WSO AP		69.2	46.0	57.6	7.3	80	2	35	9	223	0	0	0	0	3.63	-.25	1.23	17	.0	0					1
MOULTON 2		68.7	44.6	56.7		80	2	32	9	248	0	0	1	0	3.25		.85	7	.0	0					0
MUSCLE SHOALS FAA AP		69.5	47.0	58.3	7.8	81	1	36	5	201	0	0	0	0	4.23	.73	1.12	26	.0	0					1
RED BAY		70.6	46.9M	58.8M		83	2	34	9	200	0	0	0	0					.0	0					
RUSSELLVILLE 2		68.4M	42.0M	55.2M		80	1	29	10	289	0	0	3	0	3.42		.78	18	.0	0					0
DIVISION				56.9	6.5										3.76	-.16			.0						
APPALACHIAN MOUNTAINS 02																									
BESSEMER 3 WSW		70.9M	43.1	57.0M		82	12	31	30	248	0	0	1	0	2.88	-1.44	1.08	29	.0	0					1
BIRMINGHAM WSO AP		70.1	45.6	57.9	5.8	81	16	35	19	220	0	0	0	0	2.71	-1.01	.98	29	.0	0					0
CUNTERSVILLE		70.0	46.7M	58.4M		79	16	29	8	191	0	0	1	0	2.22		1.05	17	.0	0					1
ONEONTA		69.8	42.3	56.1	5.7	80	17	33	9	270	0	0	0	0	3.06	-1.21	1.07	30	.0	0					2
SAINT BERNARD		68.8	42.0	55.4	5.9	78	16	32	9	288	0	0	1	0	2.67	-1.72	1.28	17	.0	0					1
SAND MT SUBSTA AU		66.6M	43.4M	55.0M		78	17	34	25	297	0	0	0	0	2.55		1.03	30	.0	0					1
SCOTTSBORO		70.6	39.5	55.1	5.3	80	13	32	11	294	0	0	3	0	3.23	-1.05	1.15	18	.0	0					1
VALLEY HEAD		68.1	39.3	53.7	5.6	78	13	27	25	340	0	0	8	0	3.00	-1.31	.75	18	.0	0					0
DIVISION				56.1	5.7										2.79	-1.38			.0						
UPPER PLAINS 03																									
ALICEVILLE		72.7	44.8	58.8		82	2	31	19	196	0	0	2	0	3.20	-.51	1.13	30	.0	0					1
BANKHEAD LOCK AND DAM		71.6	46.9	59.3		80	17	41	20	173	0	0	0	0	3.34	-.77	1.23	18	.0	0					2
CENTREVILLE WSMO		72.8	46.1	59.5		82	16	36	20	177	0	0	0	0	2.82		1.16	30	.0	0					1
CLANTON		73.4	41.9	57.7	5.4	82	4	32	19	215	0	0	1	0	2.50	-1.28	1.00	30	.0	0					1
FAYETTE		73.9M	46.2M	60.1M	8.4	83	14	31	9	159	0	0	0	0					.0	0					
HALEYVILLE 3 NE																									
HAMILTON 3 S		70.7	40.2	55.5		82	3	27	10	284	0	0	4	0	2.99		.74	7	.0	0					0
JASPER 4 N		69.4	41.6	55.5		80	2	31	9	285	0	0	5	0	2.34		1.18	18	.0	0					1
THORSBY EXP STATION		71.9	49.4	60.7		80	16	36	9	142	0	0	0	0	2.48		.75	17	.0	0					0
TUSCALOOSA FAA AP		72.4	47.5	60.0	7.2	83	1	37	9	165	0	0	0	0	2.44	-1.24	1.12	29	.0	0					1
TUSCALOOSA OLIVER DAM		72.5	46.2	59.4		81	24	37	10	178	0	0	0	0	2.41	-1.48	1.09	30	.0	0					1
VERNON 2 N		70.7	42.1	56.4		81	4	28	9	258	0	0	3	0	3.18		1.28	18	.0	0					1
WINFIELD 2 SW		69.6	42.3	56.0		81	3	30	10	270	0	0	2	0	3.04	-1.13	1.29	18	.0	0					1
DIVISION				58.2	6.0										2.79	-1.10			.0						
EASTERN VALLEY 04																									
ANNISTON FAA AP		70.5	45.5	58.0		80	16	35	19	216	0	0	0	0	2.20		.80	29	.0	0					0
CALERA 2 SW		70.4	45.0M	57.7M		82	5	29	19	221	0	0	2	0	2.61	-1.19	1.09	29	.0	0					0
CENTRE 4 SW		68.9	44.5	56.7		79	17	34	26	256	0	0	0	0	2.86		.98	30	.0	0					0
CHILDERSBURG WTR PLANT		73.6	44.9	59.3		86	16	34	5	180	0	0	0	0	1.95	-1.59	.87	29	.0	0					0
GASDEN STEAM PLANT		69.1	44.9	57.0	6.1	79	17	37	20	242	0	0	0	0	2.65	-1.33	1.02	30	.0	0					1
TALLADEGA		72.5	39.3M	55.9M	3.5	83	15	32	9	291	0	0	2	0			.85	29	.0	0					0
DIVISION				57.4	5.8										2.45	-1.23			.0						
PIEDMONT PLATEAU 05																									
ALEXANDER CITY		73.7	45.4	59.6		82	13	35	19	163	0	0	0	0	3.32	-.47	1.07	27	.0	0					1
ASHLAND 2 SSE		69.5	44.4	57.0		78	17	38	26	239	0	0	0	0	2.68		1.10	18	.0	0					1
AUBURN AGRONOMY FARM		72.2	49.8	61.0	6.9	82	2	43	19	135	0	0	0	0	3.45	-.44	1.25	27	.0	0					1
HEFLIN		71.6	41.0	56.3		82	18	30	26	264	0	0	1	0	2.44		.87	30	.0	0					1
LAFAYETTE		72.8	46.1	59.5		81	14	35	19	170	0	0	0	0	3.39		1.57	27	.0	0					1
MARTIN DAM		72.2	49.3	60.8		83	4	41	4	137	0	0	0	0	3.77	-.07	1.79	27	.0	0					1
OPELIKA		73.4	44.9	59.2		83	15	36	5	178	0	0	0	0	3.78		1.25	27	.0	0					1
ROCKFORD 2 NNW		72.6	42.2	57.4		81	13	34	19	223	0	0	0	0	3.05		1.00	27	.0	0					1
ROCK MILLS		72.5	42.0	57.3	5.6	81	2	33	26	227	0	0	0	0	2.77	-1.23	1.08	27	.0	0					1
DIVISION				58.7	5.4										3.18	-.69			.0						
PRAIRIE 06																									
DAYTON 1 N		74.9	47.5	61.2		83	3	33	9	135	0	0	0	0	3.56	-.02	1.30	29	.0	0					3
DEMOPOLIS LOCK AND DAM		73.9	47.0	60.5		82	16	36	10	149	0	0	0	0	2.97	-.31	1.30	30	.0	0					1
GAINESVILLE		74.2	46.9	60.6		83	3	35	9	151	0	0	0	0	2.04	-1.81	1.08	30	.0	0					1
GREENSBORO		73.9	47.6	60.8	5.4	83	16	35	9	142	0	0	0	0	3.26	-.12	1.16	29	.0	0					2
HAYNEVILLE		75.3M	48.1M	61.7M		84	4	40	19	124	0	0	0	0	3.80		.49	1.90	27	.0	0				2
LIVINGSTON 2 SW		76.2M	44.0M	60.1M		84	13	31	9	160	0	0	1	0	2.47	-1.34	1.38	29	.0	0					1
MARION JUNCTION 2 NE		73.9	45.8	59.9		84	16	35	10	164	0	0	0	0	2.67	-.76	1.08	30	.0	0					1
WINTER 3 NW																									
MONTGOMERY WSO AP		73.4	50.4	61.9	6.9	84	16	40	9	109	0	0	0	0	3.09	-.34	.88	26	.0	0					0
SELMA		75.1	48.7	61.9	5.7	83	16	38	9	112	0	0	0	0	3.12	-.38	1.18	30	.0	0					1

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
NOVEMBER 1978

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.						TOTAL	MAX. DEPTH IN. ON GROUND	DATE	-10 OR MORE	-5 OR MORE	1.00 OR MORE
										32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW										
UNION SPRINGS 4 S	74.1	47.2	60.7	5.4	82	17	29	5	136	0	0	2	0	3.92	-.64	1.38	27	.0	0		5	4	1
DIVISION			60.9	5.9										3.09	-.43			.0					
COASTAL PLAIN 07																							
ANDALUSIA 1 NW	76.4		64.1		84	17				0	0			3.81	-.21	1.84	27	.0	0		6	3	1
ATHORE	77.4	50.7			84	17	35	27	61	0	0	0	0	4.71		3.27	27	.0	0		5	3	1
BEATRICE 1 E	76.2	51.5	63.9				43	9	61	0	0	0	0	3.33	-.33	1.88	27	.0	0		5	3	1
BRANTLEY	76.6	43.3	60.0		86	17	35	26	156	0	0	0	0	3.68	-.17	1.47	27	.0	0		4	3	1
BRENTON 3 ENE	76.9	45.4	61.2		85	17	37	9	124	0	0	0	0	4.24		2.28	27	.0	0		3	2	2
BRENTON 3 SSE	77.2	46.8	62.0	5.9	84	16	37	28	110	0	0	0	0	3.61	-.51	1.83	27	.0	0		4	2	2
CAMDEN 3 NW	74.5	47.4	61.0		85	16	36	9	133	0	0	0	0	3.12		1.35	30	.0	0		4	3	1
CHATON 4 N	74.9	49.4	62.2		83	1	34	9	113	0	0	0	0	4.14		1.36	28	.0	0		6	3	3
CLAYTON	74.7	50.1	62.4		83	15	40	9	94	0	0	0	0	3.54	-.49	1.55	27	.0	0		3	3	2
ENTERPRISE 5 NNW	75.4	51.6	63.5				41	9	65	0	0	0	0	3.71		1.21	30	.0	0		4	3	3
EUFULA WILDLIFE REF	76.8	45.5	61.2	5.6	85	17	34	23		0	0	0	0	2.85	-.14			.0	0				
EVERGREEN	75.8	48.7	62.3	7.3	84	17	38	9	98	0	0	0	0	4.18	-.06	1.67	27	.0	0		4	4	2
FRISCO CITY	76.9	49.4	63.2		84	18			73	0	0	0	0	3.28		1.50	28	.0	0		4	2	2
GENEVA 2	74.1	45.1	59.6	3.2	82	20	38	10	159	0	0	0	0	3.62	-.59	1.67	27	.0	0		4	2	1
GREENVILLE																							
HEADLAND	75.8	49.8	62.8		84	18	42	4	82	0	0	0	0	2.99		1.32	28	.0	0		5	2	1
HIGHLAND HOME	74.8	49.9	62.4	6.4	83	17	43	22	100	0	0	0	0	4.02	-.24	1.66	27	.0	0		5	4	2
OZARK 6 NNW	76.9	52.9	64.9	7.3	84	16	40	9	52	0	0	0	0	3.43	-.24	1.58	27	.0	0		5	3	2
PITTSVIEW	75.6	41.6	58.6		85	17	32	4	193	0	0	1	0	2.92		1.17	27	.0	0		4	3	1
THOMASVILLE	76.3	46.3	61.3	6.0	85	3	32	9	128	0	0	1	0	4.36	-.65	1.50	18	.0	0		5	3	3
TROY	74.5	50.3	62.4	5.9	83	16	36	9	103	0	0	0	0	3.15	-.32	1.50	27	.0	0		5	3	1
WHATLEY	78.1	40.1	59.1		85	16	32	9	176	0	0	1	0	4.75	-.73	2.15	30	.0	0		5	3	2
DIVISION			61.9	5.7										3.69	-.10			.0					
GULF 08																							
BAY MINETTE 3 NNW	76.3	52.9	64.6	5.9	84	16	41	9	57	0	0	0	0	4.17	-.24	3.34	27	.0	0		5	1	1
CODEN	74.9	53.0	64.0		81	3	44	9	59	0	0	0	0			4.00	27	.0	0		4		
DAUPHIN ISLAND 2	74.6	62.6	68.6		81	27	52	9	22	0	0	0	0	3.11		1.25	28	.0	0		4	3	2
FAIRMORE 2 NE	75.1	53.4	64.3	5.1	82	17	46	9	55	0	0	0	0	3.76	-.28	1.50	27	.0	0		4	3	2
MOBILE WSO AP	75.5	54.7	65.1	6.6	84	4	44	9	53	0	0	0	0	5.05	1.66	2.55	26	.0	0		4	3	2
ROBERTSDALE	77.3	52.4	64.9	6.3	85	2	46	6	46	0	0	0	0	3.37	-.19	1.73	28	.0	0		4	2	1
DIVISION			65.3	6.2										3.89	-.22			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
NOVEMBER 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * NORTHERN VALLEY 01																																	
ATHENS 2	-							.90																									
BELLE MINA 2 N	3.40							.40	.20									.13	.04	.91				.01	.54	.02				.37	.02	.07	.68
FALKVILLE 1 E	4.60							.46	1.05									.18	.03	.91				1.20	T				.13	.03	.07	.55	
HODGES	3.13							.39										.44	.12	.80				.40						.41		.57	
HUNTSVILLE WSO AP	3.63						T	.56								.01		.25	1.23				T	.35	.14			.28	.05		.76	T	
MOULTON 2	3.25							.85										.06	.77				T	.22	.16			T	.46	.73	T		
MUSCLE SHOALS FAA AP	4.23						.01	.53						.02	.38		.45	.78				.01	.40	.11			1.12	T		.42			
REO BAY	-							-							.53		1.75											.67					
RUSSELLVILLE 2	3.42							.63									.33		.78						.53				.55		.05	.55	
* * * APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	2.88							.35										.61						.08				.32	.38		1.08	.05	
BIRMINGHAM WSO AP	2.71							.14									T	.79						.13	T	T		.25	.41	T	.98	.01	
BOAZ	2.90							.13	.33										.81					T									
FORT PAYNE	2.84							.03	.43									.73					T										
GADSDEN CITY	3.22							.38									.27	1.25					.06			.34	.04		.26	T	T	.66	
GUNTERSVILLE	2.22							.25										1.05								.24			.18		.50		
LEEDS	2.82							.35	.06										.51						.10		.40	.30	T	1.10			
ONEONTA	3.06							.05	.26									1.02							.28		.28	.10	T	1.07			
PALMERDALE 2 W	3.15							.22									T	1.15															
SAINT BERNARD	2.67						T	.30									.05	1.28						.20	.08		.30			.43	.03		
SAND MT SUBSTA AU	2.55							.13	.27			T							.58						.30			.16	.08		1.03		
SAYRE	3.98							.35								T			1.48						.21					.10	1.20		
SCOTTSBORO	3.23							.10	.18								.12	.01	1.15							.40	.05		.41	.08	.10	.62	
VALLEY HEAD	3.00							.08	.50								.01	.10	.75				T			.43	.04		.18	.08	.12		
WARRIOR 3 NW	3.28							.35									T	1.41								.18			.28	.06	.04	.96	
* * * UPPER PLAINS 03																																	
ALICEVILLE	3.20							.40									.02	.93							.02			.25	.32	.13	1.13		
ARLEY 3 S	2.62							.26									.02	1.35						.31									
AUTLAUGVILLE 3 N	3.20							.04	T									.82										1.03	.19		1.12		
BANKHEAD LOCK AND DAM	3.34							.18	.10								.37	.01	1.23							.08		.21	.10		1.05		
BROOKWOOD	3.40							.30										1.20								.10		.35	.10	.20	1.15		
CARBON HILL	2.67							.56								T			1.18						.22			.17		.54			
CENTREVILLE WSO	2.82							.22	.02										.59				.01					.57	.25		1.16		
CLANTON	2.60							.20										.70									.60						
CORDOVA 2 ENE	3.00							.38										1.21								.20		.19	.20		.82		
ELWOOD	2.59							.28										.05	.52									.31	.10	.10	1.23		
FAYETTE	-							.52									.05											.20	.05	.54			
GORDAS	2.95							.21	.07							.03	.08	.90							.20			.15	.03	1.28			
HALEYVILLE 3 NE	-							.74	.02							.02	.03	T	.71									.23		.04	T	.70	
HAMILTON 3 S	2.99							.22									.08	1.18															
JASPER 4 N	2.34																																
LAY DAM	2.48							.08	.17										.87										.37	.07	.82		
MITCHELL DAM	2.72							.10											.76										.86	.22	.78		
PICKENSVILLE 2	3.34							.46									.08	1.30										.27	.05	.18	1.00		
PLANTERSVILLE 2 SSE	2.67							.20											.57									.60	.25	1.05			
REFORM 2 E	3.29							.43	.02								.10	1.48								.02	.15		.19	.11	.07	.72	
THORSBY EXP STATION	2.48							.30										.75	.02										.46	.17	.73	.05	
TUSCALOOSA FAA AP	2.44						.06	.10								T			.70					.15	.16		.25	.12	1.08				
TUSCALOOSA OLIVER DAM	2.41							.22	.04								.01	.52									.30		.27	.05	.56		
VERNON 2 N	3.18							.65							.05		.02	1.28								.20		.75	.45	.05	1.35		
WEST BLOCTON	3.90							.35											.75														
WINFIELD 2 SW	3.04							.52	T						T	T	T	1.29						.01	.31	.01		.28	.01	.04	.57		
* * * EASTERN VALLEY 04																																	
ANNISTON FAA AP	2.20							.32									.39							.06	T			.09	.38	.15	.80	.01	
CALERA 2 SW	2.61							.09									.70							.11					.46	.04	1.09	.13	
CENTRA 4 SW	2.86							T	.52										.66							.34			.24	.12	T	.98	
CHILDERSBURG WTR PLANT	1.95							.11										.40		.46								.43	.10	.87	.04		
GADSDEN STEAM PLANT	2.65							.57	.01											.46			.02		.27		.22	.08	1.02				
LEESBURG	3.08							.03	.39																		.28	.25	.24	1.20			
MONTVALLO																																	

ALABAMA  
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# DAILY TEMPERATURES

ALABAMA  
NOVEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
ATHENS 2	MAX MIN	77 42	78 41	78 41	78 38	78 34	74 38	69 39	65 44	60 29	66 35	73 39	76 45	79 45	83 50	56	73 58	73 60	71 46	68 37	73 35	73 34	73 47	65 50	66 51	63 31	66 35	66 47	62 39	41	46	71.3 42.4	
BELLE MINA 2 N	MAX MIN	78 43	78 42	79 40	78 38	75 36	75 39	77 46	57 45	61 32	64 33	70 38	76 42	77 46	77 50	73 58	75 60	68 45	60 38	63 39	67 45	66 47	62 48	68 54	66 35	60 35	62 44	62 41	52 36	49 40	68.3 43.1		
FALKVILLE 1 E	MAX MIN	77 42	77 41	77 37	76 34	74 34	76 35	76 48	57 45	59 30	65 33	70 40	76 45	78 46	76 54	73 58	75 61	68 40	59 32	63 35	69 42	67 42	66 48	70 55	67 36	61 37	64 49	63 41	52 36	50 41	68.6 42.5		
HUNTSVILLE WSO AP	MAX MIN	80 47	80 46	79 43	76 41	77 40	79 47	61 49	61 43	68 35	72 44	77 42	79 49	78 53	76 56	74 58	77 63	73 47	60 43	63 39	68 48	67 49	65 49	70 54	68 43	61 40	65 49	63 52	51 40	57 40	69.2 46.0		
MOULTON 2	MAX MIN	80 44	80 43	79 40	79 40	77 36	76 43	63 47	62 46	65 32	70 33	78 42	77 49	72 54	74 52	74 56	75 62	70 50	60 34	64 44	68 44	68 44	65 46	69 54	67 46	61 35	64 39	63 52	55 41	49 37	56 43	68.7 44.6	
MUSCLE SHOALS FAR AP	MAX MIN	81 46	79 45	79 42	75 41	76 36	78 45	62 50	63 41	67 37	69 41	78 45	77 51	79 50	69 54	74 57	76 65	73 51	61 46	61 43	67 48	64 53	62 51	71 56	70 49	60 40	65 45	74 51	58 41	56 43	61 46	69.5 47.0	
RED BAY	MAX MIN	82 50	83 49	81 49	79 47	80 46	80 45	72 48	52 42	68 34	72 40	76 42	78 48	78 54	73 58	78 61	77 63	73 53	72 48	70 48	73 37	68 50	61 47	68 52	61 48	60 42	62 48	68 39	57 40	59 41	58 38	70.6 46.9	
RUSSELLVILLE 2	MAX MIN	80 43	78 41	79 39	78 35	75 34	77 34	76 41	56 44	61 29	63 29	70 35	78 43	78 45	78 46	69 55	74 56	72 62	67 45	61 36	66 44	66 49	62 50	67 51	68 34	67 34	61 52	62 40	47 32	47 40	68.4 42.0		
APPALACHIAN MOUNTAINS 02																																	
BESSEMER 3 WSW	MAX MIN	81 46	80 42	78 40	77 37	78 35	78 45	69 47	60 36	67 45	73 38	78 38	82 44	78 46	77 48	51	73 62	65 38	68 40	72 45	70 41	69 42	71 55	74 48	68 36	69 40	64 52	56 43	58 43	53 31	70.9 43.1		
BIRMINGHAM WSO AP	MAX MIN	80 47	80 46	79 43	76 40	76 39	76 44	67 48	55 39	64 38	71 43	77 48	80 48	76 50	75 53	81 52	81 66	72 48	62 35	69 51	69 45	68 46	77 54	72 47	67 39	69 43	64 53	53 44	50 46	52 38	70.1 45.6		
GUNTERSVILLE	MAX MIN	77 44	78 44	78 45	77 42	75 65	77 40	72 47	52 29	67 38	70 42	74 43	75 48	73 48	72 53	78 55	79 55	75 62	72 48	63 44	67 44	67 47	65 43	71 49	70 56	62 42	62 54	65 54	63 42	50 39	54 44	70.0 46.7	
ONEONTA	MAX MIN	77 42	78 42	78 39	80 41	75 35	78 38	77 40	60 39	54 33	64 35	71 36	80 38	80 43	74 48	73 54	78 58	80 64	70 43	61 34	64 36	70 42	68 42	74 55	70 42	63 38	66 44	62 43	53 40	49 43	69.8 42.3		
SAINT BERNARD	MAX MIN	77 42	78 42	76 38	77 36	75 35	77 38	60 45	59 43	67 32	70 36	75 37	78 44	75 46	71 47	77 53	78 61	69 53	70 38	62 33	67 35	66 44	66 42	72 50	63 42	68 38	64 35	65 45	59 39	49 38	54 42	68.8 42.0	
SAND MT SUBSTA AU	MAX MIN	75 43	76 42	77 39	76 37	75 35	77 38	75 48	58 42	55 35	65 44	69 38	73 44	78 48	71 54	71 55	75 48	78 62	63 43	59 34	62 34	64 45	65 42	64 46	67 46	65 50	61 38	63 44	60 41	52 39	48 39	66.6 43.4	
SCOTTSDORO	MAX MIN	79 39	80 39	79 41	78 36	79 32	76 34	78 44	60 34	64 33	69 32	72 32	77 39	80 41	77 43	79 45	78 47	78 48	69 44	65 37	65 39	70 39	68 38	65 50	68 50	63 39	65 40	64 40	50 35	49 36	70.6 39.5		
VALLEY HEAD	MAX MIN	76 38	78 37	77 32	77 31	76 30	76 31	67 35	58 44	74 33	64 34	69 35	74 35	78 41	73 56	72 58	77 60	69 63	62 42	62 30	62 31	66 42	68 38	63 44	64 46	66 27	60 29	66 38	60 43	53 35	49 40	68.1 39.3	
UPPER PLAINS 03																																	
ALICEVILLE	MAX MIN	81 53	82 44	81 42	80 37	78 38	80 42	79 44	61 47	64 32	65 34	70 38	78 46	80 47	80 50	80 54	77 57	80 65	72 38	62 31	70 35	72 47	69 50	69 52	78 57	81 38	67 42	73 54	64 43	55 43	53 44	72.7 44.8	
BANKHEAD LOCK AND DAM	MAX MIN	80 45	80 44	80 49	80 45	77 45	78 46	77 49	63 48	61 41	68 43	68 45	75 45	79 46	78 48	77 53	78 55	80 57	71 43	64 41	67 41	71 48	67 47	67 51	75 56	72 44	67 47	69 54	63 44	50 44	55 43	71.6 46.9	
CENTREVILLE WSMO	MAX MIN	81 52	81 52	80 49	80 46	76 43	76 45	77 45	64 46	59 37	65 37	73 42	79 44	81 49	79 52	80 54	82 54	80 61	74 40	63 38	71 36	71 46	72 46	77 55	75 46	68 42	73 47	62 44	62 44	52 44	72.8 46.1		
CLANTON	MAX MIN	82 45	82 41	81 40	82 36	79 35	80 38	76 42	67 45	65 34	68 36	79 37	80 41	81 42	76 46	79 48	80 51	73 55	73 42	65 41	72 45	69 52	71 41	77 52	76 45	69 36	72 49	63 46	57 45	55 46	73.4 41.9		
FAYETTE	MAX MIN	80 49	80 41	82 40	80 37	78 36	83 36	78 59	61 46	72 31	73 32	73 35	80 42	82 47	83 56	73 52	76 52	78 61	75 42	70 52	73 61	70 45	70 51	74 59	76 51	71 59	55 41	51 43	73.9 46.2				
HALEYVILLE 3 NE	MAX MIN																																
HAMILTON 3 S	MAX MIN	81 42	81 39	82 37	81 34	77 33	79 33	77 34	59 44	64 27	67 27	72 33	77 37	81 44	75 44	70 54	78 54	78 62	72 44	63 31	65 31	71 42	67 45	65 49	73 54	68 33	68 33	65 50	64 40	53 36	49 40	70.7 40.2	
JASPER 4 N	MAX MIN	77 41	80 41	79 39	78 38	75 32	76 36	78 39	61 45	60 31	66 32	74 35	75 45	78 44	75 46	71 52	77 54	76 66	69 32	61 32	63 32	67 44	65 47	66 53	67 49	73 33	63 36	65 46	64 42	54 40	50 44	69.4 41.6	
THORSBY EXP STATION	MAX MIN	80 57	78 52	80 51	77 45	79 43	75 45	70 59	59 45	67 36	71 42	79 45	80 50	75 51	80 58	80 54	75 58	67 43	71 43	68 43	70 45	70 45	75 55	74 58	71 43	69 44	69 60	61 46	63 47	52 49	71.9 49.4		
TUSCALOOSA FAR AP	MAX MIN	83 53	82 48	82 46	79 43	79 41	80 45	64 52	63 40	67 37	72 40	79 44	81 50	80 49	79 51	56 56	80 64	72 48	64 41	70 50	73 49	69 50	79 58	75 50	68 40	71 44	64 54	58 47	54 48	54 42	72.4 47.5		
TUSCALOOSA OLIVER DAM	MAX MIN	80 51	80 47	81 47	80 43	76 42	76 46	78 48	65 48	61 38	68 37	73 41	79 43	81 49	79 50	79 53	76 56	63 39	71 39	62 39	68 38	72 48	69 47	81 51	72 45	68 39	72 45	63 45	56 44	53 45	72.5 46.2		
VERNON 2 N	MAX MIN	79 45	81 43	81 40	81 38	78 33	79 35	76 40	69 45	68 28	66 30	71 36																					

# DAILY TEMPERATURES

ALABAMA  
NOVEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CENTRE 4 SW	MAX MIN	74 41	79 42	78 38	77 35	75 34	74 36	78 47	58 46	59 36	64 45	70 38	74 44	77 48	75 56	74 57	78 63	79 61	71 42	63 35	62 47	65 45	64 42	65 50	68 56	69 35	60 34	66 48	65 45	55 43	50 45	68.9 44.5	
CHILDOERSBURG WTR PLANT	MAX MIN	80 51	80 43	80 48	78 35	79 34	79 38	72 53	60 47	66 35	73 39	79 36	84 43	80 44	80 51	82 50	86 59	77 61	66 45	68 41	71 47	69 40	70 41	78 52	77 56	81 36	70 36	71 58	63 46	54 44	54 50	73.6 44.9	
GROSOEN STEAM PLANT	MAX MIN	77 47	78 46	78 43	76 39	77 40	77 40	77 41	59 46	57 42	64 40	78 42	74 42	79 49	74 50	73 58	78 58	79 64	70 49	68 38	65 37	65 46	63 43	65 44	61 49	61 49	64 39	67 45	62 47	56 44	49 42	69.1 44.9	
TALLADEGA	MAX MIN	79 41	80 39	79 41	77 45	78 35	79 32	73 48	59 44	66 32	73 38	75 39	79 40	81 40	80 51	83 50	82 55	78 63	70 45	65 42	73 33	72 44	71 37	69 38	70 44	74 34	75 34	70 34	69 38	62 43	51 41	53 46	72.5 39.3
PIEDMONT PLATEAU 05																																	
ALEXANDER CITY	MAX MIN	79 46	80 47	80 45	81 40	80 39	80 43	79 45	65 46	65 40	66 43	75 43	79 45	82 45	78 54	79 53	79 56	81 60	74 47	68 35	75 38	70 45	71 44	73 47	76 53	77 40	70 40	72 50	62 43	57 49	57 46	73.7 45.4	
ASHLAND 2 SSE	MAX MIN	76 46	77 50	76 47	76 39	74 40	77 40	76 41	61 45	60 40	64 43	71 41	74 42	77 46	75 46	77 52	78 55	78 58	71 45	63 40	68 42	65 42	67 45	74 51	40 39	63 38	69 40	50 48	60 45	53 43	49 43	69.5 44.4	
AUBURN AGRONOMY FARM	MAX MIN	79 51	82 53	80 52	78 44	77 47	75 45	77 51	67 48	66 45	64 47	72 48	75 47	77 54	75 57	81 56	79 58	81 64	75 49	62 43	71 45	68 45	71 47	71 49	74 45	67 49	70 47	62 53	60 49	59 49	72.2 49.8		
MEFLIN	MAX MIN	76 40	78 38	78 38	78 36	78 33	76 35	78 35	76 44	60 37	64 43	73 35	78 35	81 41	78 55	75 51	79 55	81 62	82 44	65 33	70 44	66 36	70 38	72 45	70 51	70 33	64 30	68 43	60 43	55 40	50 44	71.6 41.0	
LAFAYETTE	MAX MIN	81 43	81 41	79 40	81 36	80 38	80 43	68 45	67 46	65 42	75 46	77 42	80 41	79 48	81 55	78 54	79 56	74 61	68 46	72 35	66 56	69 43	72 44	76 52	75 57	67 36	68 41	66 58	51 50	59 41	59 47	72.8 46.1	
MARTIN DAM	MAX MIN	79 50	77 46	78 41	83 41	80 43	79 53	69 49	63 49	68 44	74 43	76 45	78 48	78 55	81 54	79 56	81 63	78 64	64 45	69 53	66 48	67 44	70 53	71 58	74 49	73 42	75 59	63 52	59 49	57 50	56 50	72.7 49.3	
OPELIKA	MAX MIN	78 45	80 45	79 42	79 36	79 40	78 43	78 41	68 48	67 39	65 43	75 42	77 41	78 45	76 54	83 52	79 63	82 48	76 45	66 41	72 42	66 45	69 43	72 54	75 43	76 40	68 43	73 40	72 56	59 41	58 49	73.4 44.9	
ROCKFORD 2 NNW	MAX MIN	80 46	80 48	80 43	80 39	78 38	78 40	76 44	66 42	63 35	67 40	72 38	81 43	81 42	75 48	79 53	79 55	79 36	67 34	72 37	68 39	71 42	72 45	74 47	75 36	70 38	72 43	62 44	56 42	52 41	72.6 42.2		
ROCK MILLS	MAX MIN	78 42	81 45	80 42	79 36	78 33	79 35	78 40	66 47	68 36	65 47	74 36	77 39	79 39	78 52	78 47	77 48	79 56	73 46	74 33	72 47	67 40	69 38	68 49	75 50	73 35	67 33	71 40	63 50	59 46	51 45	72.5 42.0	
PRAIRIE 06																																	
DAYTON 1 N	MAX MIN	82 50	81 48	83 45	79 39	79 39	81 44	76 60	67 47	64 33	72 40	77 42	80 43	82 49	80 48	80 54	82 59	76 68	75 39	71 49	70 47	73 47	74 46	77 53	78 58	78 44	78 42	77 59	65 45	57 47	54 49	74.9 47.5	
DEMOPOLIS LOCK AND DAM	MAX MIN	81 55	82 46	80 45	79 41	78 40	82 44	80 49	67 48	64 36	68 36	74 42	80 47	82 48	80 52	81 52	82 57	81 64	75 40	60 40	69 52	74 40	71 49	73 52	78 56	75 46	70 46	75 53	64 46	58 45	55 48	73.9 47.0	
DRAINESVILLE	MAX MIN	82 53	83 48	83 46	82 43	80 41	82 44	80 49	63 47	65 35	68 36	73 41	81 48	82 49	80 51	78 56	77 58	81 67	72 38	62 37	70 41	72 49	73 50	73 53	80 58	74 40	70 40	76 54	64 44	59 45	59 46	74.2 46.9	
GREENSBORO	MAX MIN	82 52	82 48	82 50	79 40	82 40	80 47	70 42	70 44	70 35	74 43	81 48	82 48	80 52	78 52	83 56	83 64	75 39	63 51	70 39	74 51	72 47	74 50	76 53	78 56	72 45	77 55	77 43	58 45	54 46	49 49	73.9 47.6	
HAYNEVILLE	MAX MIN	79 42	80 43	84 43	84 42	81 43	74 43	75 45	65 46	67 46	77 47	78 47	80 47	76 51	76 52	78 56	81 61	82 66	72 46	65 40	68 44	69 46	69 42	75 46	80 57	81 42	81 38	79 61	64 45	58 49	61 49	75.3 48.1	
LIVINGSTON 2 SW	MAX MIN	82 57	83 44	83 42	73 39	84 40	83 38	80 42	67 40	80 31	67 33	75 43	82 45	84 45	80 46	81 48	82 55	82 64	73 36	68 40	74 51	73 46	74 50	79 61	76 38	78 44	73 40	62 41	70 40	62 41	76.2 44.0		
MARION JUNCTION 2 NE	MAX MIN	80 52	81 45	81 45	80 44	78 40	81 42	80 45	66 48	58 35	65 35	75 42	78 42	80 45	78 50	78 50	84 55	82 63	75 41	64 39	70 40	72 45	71 45	72 49	76 42	79 44	77 52	64 47	56 46	57 47	73.9 45.8		
MINTER 3 NW	MAX MIN																																
MONTGOMERY WSO AP	MAX MIN	80 54	79 51	79 47	77 44	79 42	78 46	69 57	61 44	67 40	74 45	77 44	80 48	77 49	77 56	81 58	84 58	81 59	64 48	73 45	70 53	69 49	73 46	77 56	77 56	70 47	77 45	67 63	63 54	63 54	59 54	73.4 50.4	
SELMA	MAX MIN	83 54	81 45	81 48	80 45	82 42	80 46	79 46	58 46	68 38	76 46	80 43	82 47	81 49	80 51	83 56	83 59	77 66	74 43	73 43	75 46	78 45	77 65	73 50	71 46	78 46	60 45	60 49	57 46	52 49	75.1 48.7		
UNION SPRINGS 4 S	MAX MIN	80 50	78 48	80 45	79 48	80 29	80 30	78 42	69 49	60 49	68 43	78 44	79 43	79 50	78 51	79 56	79 57	82 56	80 49	63 41	70 41	72 46	71 44	73 44	75 54	77 42	75 42	76 60	63 54	58 56	63 53	74.1 47.2	
COASTAL PLAIN 07																																	
ANDALUSIA 1 NW	MAX MIN	81 54	82 53	81 51	82 47	80 48	80 47	79 60	71 50	63 40	70 48	77 50	80 50	81 49	78 50	79 57	83 63	84 66	82 48	72 48	77 53	78 51	74 50	78 52	77 50	81 48	75 48	79 35	65 50	55 52	68 54	76.4	
ATMORE	MAX MIN	82 54	84 53	82 51	82 47	83 48	82 47	80 60	72 50	55 40	72 48	78 49	81 50	81 49	81 50	79 57	81 63	84 66	83 48	72 48	76 53	79 51	76 50	79 52	81 50	83 48	75 48	81 35	65 50	66 52	67 54	77.4 50.7	
BEATRICE 1 E	MAX MIN	80 57	80 56	80 58	81 55	79 52	79 51	77 45	75 43	75 43	81 45	80 50	83 53	81 53	81 55	82 58	83 58	83 46	71 44	73 48	75 50	76 52	80 50	79 56	78 52	78 52	62 45	66 52	56 48	50 50			



# DAILY TEMPERATURES

ALABAMA  
NOVEMBER 1978

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ENTERPRISE 5 NNW	MAX MIN	79 56	82 54	80 52	81 49	79 49	80 50	79 53	71 51	57 41	68 44	76 51	78 50	80 52	77 54	82 59	81 58	83 53	75 47	77 52	75 47	73 50	76 52	77 54	80 48	74 51	76 50	63 59	62 55	67 55	75.4 51.6		
EUFULA WILDLIFE REF	MAX MIN	80 43	82 41	80 38			81 34	80 44	72 51	68 40				81 36	80 53	82 55	81 51	85 57	83 53	36 47	76 39	73 40	78 34				81 54	65 58	62 54	69 51	76.8 45.5		
EVERGREEN	MAX MIN	82 51	84 49	82 46	83 42	80 43	81 45	80 49	67 50	55 38	70 42	76 44	79 46	80 50	78 49	78 54	83 61	84 66	81 48	70 45	74 48	77 48	72 48	77 50	78 54	81 46	77 42	81 49	64 50	56 53	63 54	75.8 48.7	
FRISCO CITY	MAX MIN																																
GENEVA 2	MAX MIN	80 50	82 47	81 45	81 41	79 41	80 42	79 50		45	73 43	75 45	78 42	79 45	75 48	80 53	82 53	83 57	84 55	75 55	77 55	75 45	72 48	75 47	77 59	82 47	74 42	78 60	65 59	63 56	70 57	76.9 49.4	
GREENVILLE	MAX MIN	80 52	80 53	80 50	80 51	78 42	81 44	78 49	66 48	53 38	74 38	77 40	78 48	79 47	76 46	78 41	77 40	80 41	79 42	82 43	73 44	70 41	71 40	74 42	70 41	75 43	78 43	63 50	55 49	62 52	74.1 45.1		
HEADLAND	MAX MIN	80 53	81 50	80 49	80 42	77 44	80 45	79 53	72 50	60 44	66 43	76 46	77 47	80 46	81 50	83 54	80 62	84 56	77 46	77 50	74 45	72 48	75 51	76 52	80 45	72 44	76 51	65 60	62 56	70 57	75.8 49.8		
HIGHLAND HOME	MAX MIN	80 54	83 55	81 51	80 47	79 48	80 52	78 51	68 48	69 45	68 45	70 50	78 50	80 50	81 50		81 57	83 65	80 47	65 44	74 50	74 43	72 43	77 47	76 57	79 45	71 44	78 55	63 52	55 50	65 51	74.8 49.9	
OZARK 6 NNW	MAX MIN	81 60	84 55	83 54	81 50	81 53	79 49	73 60	66 50	68 40	76 44	80 50	82 51	79 50	81 60	81 60	84 58	82 65	78 52	79 47	77 53	74 45	77 50	75 54	82 60	78 46	77 47	72 60	62 55	68 54	68 54	76.9 52.9	
PITTSVIEW	MAX MIN	80 42	83 40	81 37	80 32	79 33	80 35	80 36	69 50	68 39	69 41	76 37	78 35	81 37	78 37	83 54	81 51	85 52	80 49	72 35	75 40	70 36	72 36	75 37	76 49	79 33	71 34	76 50	64 59	62 52	65 51	75.6 41.6	
THOMASVILLE	MAX MIN	85 53	85 47	85 47	84 43	83 41	84 45	82 48	67 44	55 32	70 33	76 40	82 46	84 49	83 47	81 49	84 53	84 62	74 41	65 41	74 45	78 48	75 50	78 55	81 43	74 43	79 57	64 45	56 45	59 50	76.3 46.3		
TROY	MAX MIN	82 53	81 51	81 49	80 48	81 48	78 48	69 56	62 48	68 36	76 45	78 48	80 46	77 45	80 58	81 59	83 58	80 63	72 44	75 43	72 45	76 47	77 53	80 58	72 44	77 46	68 58	61 51	57 51	58 52	74.5 50.3		
WHATLEY	MAX MIN	85 49	85 48	84 42	82 39	83 35	83 39	82 82	70 74	74 32	76 36	79 37	82 40	80 41	80 82	85 85	78 78	75 38	77 38	78 40	79 45	77 39	78 45	83 45	77 39	78 42	80 80	70 38	62 40	60 40	78.1 40.1		
GULF 08																																	
BAY MINETTE 3 NNW	MAX MIN	84 54	81 51	81 50	80 46	82 49	79 52	72 61	63 50	70 41	76 46	81 52	81 51	80 53	78 53	83 57	84 66	83 68	70 48	73 47	78 54	76 53	79 50	79 56	80 63	75 49	78 53	72 60	61 48	71 52	60 55	76.3 52.9	
CODEN	MAX MIN	80 57	80 55	81 49	79 48	78 47	79 54	79 58	67 51	75 44	72 45	75 48	78 53	77 48	76 52	79 60	80 64	79 70	74 52	74 53	75 57	73 49	74 50	75 53	79 53	72 53	77 50	72 52	65 52	76 53	64 57	74.9 53.0	
ORUPHIN ISLAND 2	MAX MIN	77 66	80 65	79 67	79 65	79 63	78 69	78 64	73 53	59 52	66 58	74 63	76 63	77 62	76 65	76 66	79 71	80 72	79 59	70 61	72 61	73 61	73 61	74 63	76 67	76 63	74 63	81 63	68 56	62 57	73 58	74.6 62.6	
FAIRHOPE 2 NE	MAX MIN	78 51	80 52	82 53	80 49	78 48	79 52	80 58	71 51	54 46	69 47	74 49	78 51	79 50	75 51	77 56	81 63	82 65	80 54	71 54	76 56	77 54	74 54	77 62	77 54	75 52	78 56	65 53	57 51	74 56	75.1 53.4		
MOBILE WSO AP	MAX MIN	84 60	83 59	84 53	84 51	81 52	80 59	72 58	58 45	69 44	75 45	80 52	79 54	77 52	77 54	80 60	80 70	80 62	70 50	73 52	77 58	76 54	77 53	79 57	80 60	72 54	78 53	65 63	63 52	72 54	61 52	75.5 54.7	
ROBERTSDALE	MAX MIN	82 55	85 52	84 51	83 48	81 47	81 46	81 55	71 53	54 47	72 47	78 48	81 50	82 50	80 49	79 53	82 64	84 65	81 57	74 54	78 55	80 53	78 51		78 51	80 52	77 49	81 54	65 55	57 52	73 56	77.3 52.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
NOVEMBER 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(IN)																																	
	2	MAX	83	84	82	83	81	81	78	69	69	66	75	78	80	78	81	77	80	73	72	69	66	70	73	75	77	73	73	63	60	58	74.2	
	MIN	62	62	61	56	55	55	59	56	53	53	52	53	53	54	57	64	63	63	56	48	48	51	52	57	59	51	51	61	60	51	56	56.0	
	4	MAX	79	80	79	78	76	75	76	69	68	63	70	73	74	75	78	76	77	70	67	65	65	69	69	70	73	69	67	64	76	60	71.7	
	MIN	66	65	64	59	58	58	61	60	57	54	54	54	55	61	66	65	65	58	51	51	55	54	53	58	54	54	61	62	49	58	58.0		
	8	MAX	76	75	74	74	72	71	71	66	65	62	67	68	69	70	73	72	73	69	65	63	63	64	65	67	69	65	64	62	66	58	67.9	
	MIN	67	67	65	63	62	62	62	61	58	57	57	57	57	58	61	65	66	65	62	55	55	56	56	59	61	57	56	61	62	49	57	60.0	
BREWTON 3 ENE	(IN)																																	
	4	MAX	83	83	80	80	79	79	77	70	62	73	77	76	77	78	77	77	82	77	77	75	79	77	77	75	80	75	76	65	62	63	75.6	
	MIN	63	61	60	58	58	58	57	61	55	55	57	57	57	57	58	59	62	68	62	60	60	60	58	57	60	58	58	60	59	59	59	59.1	
HEROLAND	(IN)																																	
	4	MAX	72	71	70	70	68	68	68	77	63	63	66	66	65	66	69	70	71	71	70	64	65	65	65	62	69	64	62	64	63	66	67.1	
	MIN	65	64	63	61	60	60	59	61	58	58	58	58	58	58	57	57	64	63	63	59	58	56	57	50	59	57	56	62	62	61	61	59.5	
PITTSVIEW	(IN)																																	
	4	MAX	80	78	77	77	75	75	74	68	71	69	74	73	74	73	75	75	76	73	72	72	71	71	71	71	73	70	69	65	65	65	72.4	
	MIN	67	66	65	63	63	63	62	64	63	62	62	61	61	62	66	66	66	66	66	59	59	60	60	60	62	60	59	59	64	62	60	62.4	
THORSBY EXP STATION	(IN)																																	
	4	MAX	80	80	80	79	79	77	70	63	69	74	74	75	74	76	75	75	74	68	66	69	71	69	74	70	71	73	64	61	60	57	71.6	
	MIN	66	65	64	62	62	61	63	57	54	55	58	61	61	61	64	63	65	68	57	53	56	55	55	60	56	60	62	60	57	55	56	59.8	
WINFIELD 2 SW	(IN)																																	
	4	MAX	75	74	75	75	73	72	69	64	66	62	71	67	71	65	65	67	71	67	66	61	65	63	61	65	69	62	58	61	60	54	66.5	
	MIN	61	60	60	59	58	59	64	55	50	49	54	58	59	60	61	65	67	56	50	49	56	56	59	61	52	53	57	54	52	54	56.9		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
NOVEMBER 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																	
HUNTSVILLE WSO AP		EVAP	.17	.10	.13	.19	.10	.10	.18	.06	.09	.05	.07	.10	.12	.06	.05	.04	.43	.13	.01	.15	.02	.08	.11	.11	.11	.11	.03	.10	.09	.02	3.11
		WIND	34	34	28	46	16	31	79	122	36	30	14	18	42	40	27	32	120	71	45	60	31	28	63	68	61	70	54	105	47	75	1527
		MAX	75	77	76	71	73	74	69	76	65	71	74	80	75	72	70	77	75	66	62	67	68	65	65	70	65	59	65	64	65	62	69.8
		MIN	56	55	58	50	49	52	54	49	45	51	52	58	60	60	62	67	64	52	46	50	54	55	57	61	45	47	55	49	45	50	53.6
UPPER PLAINS 03																																	
WINFIELD 2 SW		EVAP	.13	.13	.12	.15	.13	.11	.12	.07	.10	.05	.07	.07	.07	.05	.04	.03	.11	-	.09	.06	.08	.05	.04	.09	.13	.10	.08	.06	.07	.00	2.488
PIEDMONT PLATEAU 05																																	
AUBURN AGRONOMY FARM		EVAP	.13	.19	.17	.21	.18	.10	.19	.05	.10	.05	.10	.15	.16	.15	.14	.09	.12	.06	.08	.15	.10	.12	.23	.10	.15	.17	.21	.02	.10	.01	3.78
		WIND	12	23	17	13	7	7	13	70	31	9	12	10	19	20	19	13	28	45	34	52	43	24	29	31	48	26	39	64	52	49	859
		MAX	77	79	77	77	73	73	72	63	76	60	72	74	76	73	77	74	77	70	64	66	76	78	69	71	74	62	62	59	58	50	70.3
		MIN	51	48	47	45	45	47	51	50	48	45	48	48	48	53	59	59	60	51	40	40	45	45	51	55	38	39	56	54	46	46	48.6
MARTIN DAM		EVAP	.13	.15	.20	.12	.12	.14	.06	.09	.08	.10	.16	.16	.15	.08	.07	.11	.09	.10	.09	.08	.08	.11	.06	.08	.10	-	-	.09	.02	.04	3.068
		WIND	34	36	28	28	25	28	71	35	24	26	24	24	20	26	18	36	46	36	48	39	29	23	27	65	33	49	44	44	47	48	1061
PRAIRIE 06																																	
DEMOPOLIS LOCK AND DAM		EVAP	.15	.11	.25	.15	.12	.10	.15	.10	.00	.14	.08	.08	.09	.12	.11	.08	.01	.12	.07	.12	.12	.09	.11	.07	.11	.10	.12	.06	.11	.05	3.09
		WIND	13	19	17	24	19	12	51	120	37	18	13	15	5	29	45	7	67	74	45	57	37	30	33	45	73	34	87	63	72	52	1213
		MAX	81	80	77	75	73	76	78	68	65	68	73	77	80	75	75	75	78	72	62	67	71	70	71	73	75	65	73	63	60	63	72.0
		MIN	56	54	53	49	48	49	53	49	42	42	47	51	52	55	55	59	65	46	46	45	50	52	53	56	46	47	59	59	48	47	51.1
COASTAL PLAIN 07																																	
HEADLAND		EVAP	.11	.13	.13	.14	.09	.08	.08	.04	.04	.04	.01	.06	.08	.08	.09	.07	.07	.10	.13	.08	.06	.07	.06	.03	.18	.12	.10	.01	.06	.02	2.36
		WIND	84	71	82	70	67	79	80	78	61	62	69	70	80	82	85	85	87	76	72	75	78	76	68	71	75	62	75	74	73	74	74.7
		MAX	55	64	50	48	48	48	50	53	47	48	49	50	50	51	52	59	60	60	48	50	49	48	50	54	45	45	45	60	57	58	51.7
GULF 08																																	
FAIRHOPE 2 NE		EVAP	.10	.12	.12	.12	.10	.07	.13	.12	.04	.04	.05	.06	-	.11	.03	.05	.05	.09	.08	.11	.09	.07	.04	.03	.08	.09	.06	-	.09	.02	2.238
		WIND	13	13	9	15	11	9	20	51	13	11	11	11	6	13	8	15	28	12	6	14	12	10	7	13	8	21	18	23	20	429	
		MAX	81	80	78	74	73	73	74	72	56	65	70	74	72	71	72	78	80	80	67	66	72	68	69	74	77	64	70	64	61	68	71.4
		MIN	60	57	55	52	51	52	54	52	52	47	51	56	55	55	57	63	62	60	54	55	54	53	53	61	54	52	51	59	55	55	54.9

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
A88EVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADDISON	0063	03	WINSTON	2	34 13	87 11	795					PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175					SIONEY J HARDY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O DENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	MID	MID		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS DORA R DAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAY MINETTE 3 NNW	0583	08	BALDWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	INACTIVE 10/18/78
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MID	MID		H	VALLEY CRK W-TRTMT PLT
BIRMINGHAM WSO AP	0831	02	JEFFERSON	2	33 34	86 45	620	MID	MID		C HJ	NATL WEATHER SERVICE
80AZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELLES
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNDIDGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	818B	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILDERSBURG WTR PLANT	1620	04	TALLADEGA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
CODEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M DEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	CLOSED 10/18/78
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROD	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE S NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFAULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A		H	EUFAULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINDHAM
FAIRHOPE 2 NE	2813	08	BALDWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M DUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	ORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GADSDEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GADSDEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLADYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	INACTIVE 9/30/78
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 51	86 38	530	7A	7A		C H	MICHAEL L FINOLEY

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-76S
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAVY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	DIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175		7A			ARLON L OTTS
HODGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MAISON	12	34 39	86 46	624	M10	M10	M10C	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A		C	ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A		C	INACTIVE 7/31/78
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEOS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A		C	MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	DALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) DILLARD
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LAND
MIDWAY	5397	06	BULLOCK	4	32 04	85 31	495				C	ALFREDO S ADAMS
MILSTERO	5439	06	MACON	11	32 27	85 54	201		8A			KATHY A HARWICK
MINTER 3 NW	5449	06	DALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	MID	MID		C HJ	NATL WEATHER SERVICE
MONTEVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MAISON	12	34 55	86 27	725	SP	SP		H	INACTIVE 5/31/77
NEWTON	5875	07	DALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	DALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195				C	MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
RED BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 32	205		7A			RONEY B TOMLIN
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190				C	ALABAMA ELECTRIC COOP
ROBERTSORE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRAM W PRIDMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCRI
SELMA	7366	06	DALLAS	1	32 25	87 00	147	SP	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTTLE JR
TALLAPOOSA	8024	04	TALLAPOOSA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

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								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAOISON	12	34 54	86 44	750				C	TVA-S06
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 S	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1042	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WADLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	SP	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
CLOSED STATIONS												
DOUBLE SPRINGS	2386	03	WINSTON	2	34 09	87 25	810	7A	7A		H	CLOSED 10/18/78

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Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 noon, c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**DAILY SOIL TEMPERATURE TABLE:**

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	: Sumter clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thorsby Exp. Station	: Fine loam	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2-6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ! Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- C "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

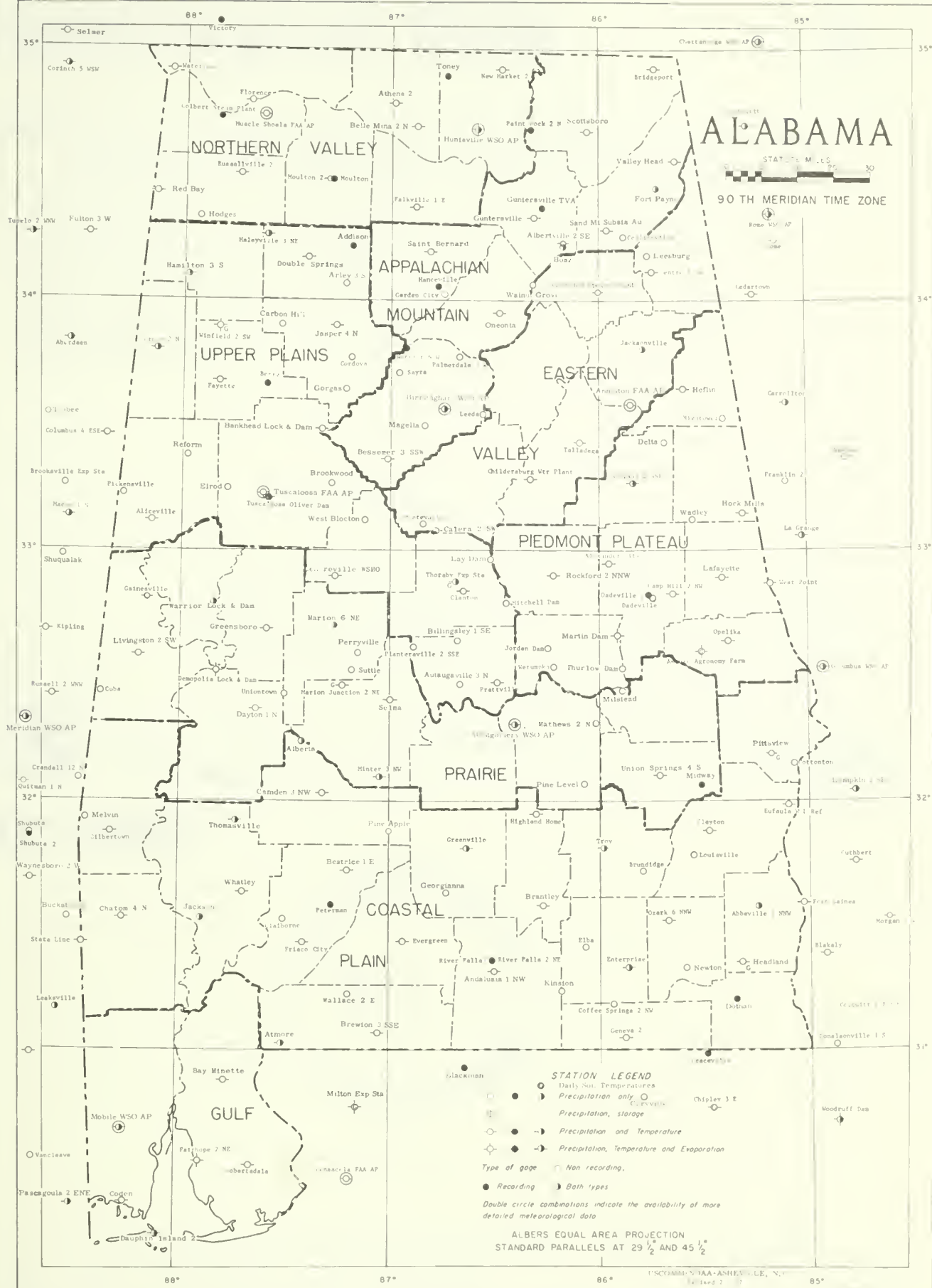
\* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTAHOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-CULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40c single copy; 30c annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications.  
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.  
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**THIRD CLASS**

# Climatological Data

ALABAMA



## TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS	84	DATE	08+
LOWEST TEMPERATURE:	HAMILTON 3 S	11	DATE	10
GREATEST TOTAL PRECIPITATION:	SCOTTSBORD	9.02		
LEAST TOTAL PRECIPITATION:	CLAYTON	1.61		
GREATEST 1 DAY PRECIPITATION:	WINFIELD 2 SW	3.50	DATE	09
GREATEST TOTAL SNOWFALL:	7 STATIONS	T		
GREATEST DEPTH OF SNOW OR ICE:	GAINESVILLE	T	DATE	10

## SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							CENTRAL													
							00	06	12	18										
BIRMINGHAM WSFO	-	-	-	-	-	-	-	-	-	-	4	1	4	3	2	0	14	S7	-	
BIRMINGHAM FAA AP	18	0.7	7.3	-	-	-	67	73	S6	60	4	0	4	4	1	0	13	-	-	
HUNTSVILLE WSO AP	17	1.7	9.1	35++	30	20+	74	77	S9	62	2	2	3	6	0	1	14	-	6.1	
MOBILE WSO AP	8	1.7	9.0	23++	22	20+	78	80	S4	65	4	0	5	1	2	0	12	-	6.0	
MONTGOMERY WSO AP	3	0.1	7.4	32	NW	21	68	71	S1	S8	2	4	3	1	0	1	11	49	6.4	



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*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.



## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
DECEMBER 1978

STATION			TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

## MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA  
DECEMBER 1978

STATION		TEMPERATURE												PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW - SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE	
											30° OR ABOVE	32° OR BELOW	32° OR ABOVE	30° OR BELOW											
SELMA UNION SPRINGS 4 S		63.2 60.4	40.4 34.5	51.8 47.5	- 1.7 - 1.2	83 81	8 9	24 21	15 15	423 543	0 0	0 0	10 17	0 0	3.18 3.50	- 2.26 - 1.66	.71 1.50	31 5	.0 .0	0 0		7 7	4 2	0 1	
DIVISION				48.2	- .2										5.14	- .08			T						
* * * COASTAL PLAIN 07																									
ANDALUSIA 1 NW		63.9	34.8M	49.4M	- .7	82	4	24	12*	517	0	0	0	0	4.01	- 1.39	1.54	5	.0	0		8	2	2	
ATMORE		63.9	39.6	51.8		82	4	23	11*	417	0	0	9	0	4.88		1.55	24	.0	0		7	3	2	
BEATRICE 1 E		62.5M	37.3M	49.9M				23	10		0	0	0	0	3.64	- 1.73	1.40	5	.0	0		5	3	2	
BRANTLEY		64.4	33.7	49.1		83	4	18	15	500	0	0	19	0	3.61	- 1.40	1.30	5	.0	0		7	2	2	
BREWTON 3 ENE		63.7	34.4	49.1		84	4	22	11*	503	0	0	16	0	5.12		2.62	5	.0	0		7	2	2	
BREWTON 3 SSE		66.0	38.5	52.3	1.2	82	8*	21	12	411	0	0	13	0	5.44	.16	2.20	5	.0	0		11	2	2	
CAMDEN 3 NW		59.7	34.5	47.1		81	9*	22	11	558	0	0	18	0	4.41	- 1.24	1.24	5	.0	0		7	4	1	
CHATON 4 N		64.9	38.8M	51.9M		83	8*	20	10	437	0	0	14	0	5.33		2.41	4	.0	0		8	2	2	
CLAYTON		60.7	36.5	48.6		81	8	21	10	504	0	0	12	0	1.61	- 3.52	1.12	5	.0	0		3	1	1	
ENTERPRISE 5 NNW		62.5	39.0	50.8		82	9*	24	11*	447	0	0	6	0	2.89		1.47	24	.0	0		5	2	1	
EUFULA WILDLIFE REF																									
EVERGREEN		61.7	35.8	48.8	- .7	82	9	21	10	513	0	0	16	0	4.64	- .78	1.78	5	.0	0		9	2	2	
FRISCO CITY																									
GENEVA 2		64.2	37.7	51.0		84	8	24	10	440	0	0	12	0	2.94		2.15	24	.0	0		3	1	1	
GREENVILLE		60.6M	32.1M	46.4M	- 3.9			21	10	608	0	0	0	0	5.05	- .41	2.28	5	.0	0		5	2	2	
HEADLAND		62.8	38.7	50.8		83	8	25	11*	447	0	0	10	0	3.04		1.45	24	.0	0		8	1	1	
HIGHLAND HOME		60.3	35.9	48.1	1.3	80	9*	21	10	528	0	0	15	0	2.27	- 2.76	1.03	24	.0	0		6	1	1	
OZARK 6 NNW		64.7	41.1	52.9	1.4	82	7	22	10	384	0	0	8	0	3.14	- 2.20	1.45	24	.0	0		6	2	1	
PITTSVIEW		61.4M	32.3M	46.9M		81	8	17	15*	564	0	0	0	0	2.85		1.38	5	.0	0		6	1	1	
THOMASVILLE		61.7	34.4	48.1	- .6	81	9*	20	10	533	0	0	17	0	4.86	- .79	1.29	4	.0	0		9	3	1	
TROY		64.0	38.6	51.3	1.0	80	8	21	10	426	0	0	11	0	3.11	- 1.84	1.25	5	.0	0		5	2	2	
WHITLEY		64.8	32.1	48.5		80	20*	19	14*	507	0	0	18	0	2.85	- 2.77	1.05	4	.0	0		5	2	1	
DIVISION				49.6	.5										3.78	- 1.51			.0						
* * * GULF 08																									
BAY MINETTE 3 NNW		66.1	41.2	53.7	.9	81	3	22	10	375	0	0	11*	0	3.65	- 1.81	1.21	24	.0	0		6	3	2	
COOEN		65.2M	41.8M	53.5M		78	8*	25	10	369	0	0	9	0	3.20		1.71	24	.0	0		4	2	1	
DAUPHIN ISLAND 2		62.8M	49.0	55.9M		81	9	34	10	291	0	0	0	0	4.08		2.11	24	.0	0		4	2	2	
FAIRHOPE 2 NE		62.7M	41.4M	52.1M	1.6	80	8	24	10	422	0	0	6	0	3.93	- 1.32	1.92	24	.0	0		7	2	1	
MOBILE WSO AP		65.3	43.5	54.4	1.5	78	20*	26	10	355	0	0	5	0	4.36	- 1.56	1.39	24	.0	0		8	3	2	
ROBERTSDALE		64.8M	39.8M	52.3M	- .8	81	4	25	11	410	0	0	9	0	4.03	- .99	1.72	24	.0	0		6	2	2	
DIVISION				53.7	.3										3.88	- 1.44			.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

ALABAMA  
DECEMBER 1970

STATION		TOTAL	DAY OF MONTH																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN VALLEY 01																																		
ATHENS 2		-		1.23	1.00	.20												.50				1.18											2.15	
BELLE MINA 2 M		7.21		.13	1.08	.28			.04	.34	2.01							.48	.04			.02	.71			.20	.05					.63	1.20	
FALKVILLE 1 E		6.73		.05	1.15	.16			.05	1.15	.45	.07			.03			.45	.05	.70		.07	.23			.07	.23					.65		
HODGES		7.16		.17	1.70	.13			.11	1.95								.44	.07				.73									.20	1.56	
HUNTSVILLE WSO AP		7.68		.68	.69				T	2.30	.57						.06	.40			T	.80	.05			.29					.26	.99	.50	
MOULTON 2		6.30		.22	1.07	.02			.04	.47	1.75							.42			.02		.72			.17	T					.83	.57	
MUSCLE SHOALS FAR AP		7.48		1.34	.24				.01	1.68	.30						.02	.40			T	.71				T					.25	.08	1.56	
RED BAY		-		1.96						.95	1.10							-								-	-					2.75	1	
RUSSELLVILLE 2		4.97			1.46	.13			.20		.20							.44					.65								.35	1.55		
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSO		6.92		.02	1.40				.11	1.02	1.16							.35				.14	.73			1.21					.02	.56	.20	
BIRMINGHAM FAR AP		5.43		T	1.34				T	.90	.76							.16				.26	.35		T	.76					T	.52	.38	
BOZAR		7.21		.05	1.84	.32				.10	2.45	.02						.20	.27			.02	.68			.12	.44				.27	.43		
FORT PAYNE		7.84		.13	1.84	.41			.05	2.81		.02						.24	.20			.02	.55	T		.41					.37	.79		
GARDEN CITY		7.54		T	1.37	.43				.21	2.83							.18	.33				.71			.45	.25				.37	.41		
QUINTERSVILLE		5.84		.02	1.96				.02	.99	2.01							.44				.75									.40			
LECOS		6.58		T	1.50	.72			T	1.70								.18	.10			.56									.10	.20		
ONEOTA		6.71		T	1.25	.32				2.50			T					.05	.30			.75				.55	.22				.32	.37		
PALMERDALE 2 W		-			1.20	.35				2.70								.20	-			.75									.60	-		
SAINT BERNARD		6.36		.04	1.70	.02			.06	1.76								.80				.02	.71			.50				.05	.50	.40		
SAND MT SUBSTA AU		6.22		.21	1.57	.31				.19	2.00							.32	.06			T	.48							.41	.39	.28	.39	
SCOTTSBORO		6.83		.09	1.09	.39				.06	2.74							.05	.41							.59	.02					1.39	T	
VALLEY HEAD		8.02		.24	1.39	.28			.08	.16	1.78							.55	.36				.60								.81	.60		
VALLEY HEAD		8.45		.02	1.12				.14	.03	2.51	.05						.43	.27						.02	.60					.05	.47	.96	
WARRIOR 3 NW		7.23			1.02	.44			T	2.92								.12					.61			1.02	.24				.45	.41		
UPPER PLAINS 03																																		
ALICEVILLE		5.93	T		1.43	.40			T	T	2.30	T						.09	.05				.63			.20	.02				.28	.53		
RAILEY 3 S		7.06		.03	1.45	.22				.19	2.35							.26	.29				.71			.11					.71	.74		
ROUTE 3 N		4.16			.67	1.21				.50								.13				.43				.42	.29				.43	.08		
BARNSHEAD LOCK AND DAM		7.87			1.53	.51				.10	2.92	.02						.19	.23				.67			.14	.51				.55	.50		
BROOKWOOD		5.47		.05	1.05	.35				1.62								.10	.10				.90			.30					.45	.25		
CARBON HILL		7.17		.02		1.37				.50	2.17							.53					.76				.25				.69	.88		
CENTREVILLE WSO		5.46		.03	1.06	.47			.05	.07	1.62	.02						.02	.28				.63			.26	.53				.42			
CLANTON		5.30			1.35	.65				.15								.10	.55				.46								.65			
CORODORA 2 ENE		6.71			1.20	.44				.21	2.21							.20	.36				.76			.04	.11				.59	.59		
ELDON		6.02			1.50	.53				.75	2.25							.05	.12				.65			.35	.18				1.20	.44		
FAYETTE		-			1.27	.22				.12	-											.73				-						.73	-	
GORGAS		7.14		-	1.19	.49				.21	2.40	.05						.15	.38				.65			.21	.31				.59	.51		
HALEYVILLE 3 NE		-		-	-	-			-	-	-	.05						-	-			-	.65			.21	-				-	-	-	
HARTFORD 3 S		7.24		.11	1.32	.13			.32	.01	1.94	T						.22	.11				.78			.17	.03				.35	1.75		
JASPER 4 M		6.69		T	1.27	.26			.15	.19	1.70							.20	.26				.70			.38	.10				.68	.80		
LAY DAM		5.27			.97	.74				.01	1.20	.13						.02	.16			T	.58			.10	.66				.51	.19		
MITCHELL DAM		4.85			1.03	.80				.26	.46							.19				.32				.16	.97				.35	.31		
PICKENSVILLE 2		-			1.81	.22			.17		2.79							.25	.10				.70			T	.40						-	
PLANTERSVILLE 2 SSE		4.75			1.10	.65				1.05								.20	.20				.40			T	.60				.76	.60		
REFORM 2 E		6.47		.02	1.37	.29				.25	2.46	.05						.20	.12				.27				.26	.05			.45	.68		
THORNEY EXP STATION		4.22		.02	1.19	.25	.04			1.10								.26					.52			.53					.26	.05		
TUSCALOOSA FAR AP		8.13		.24	1.70				T	2.53	.24							.27				.36	.30			T	.72				.72	.32	.33	
TUSCALOOSA OLIVER DAM		7.66	.02		1.30	.50			.01	.04	2.76	.02						.19	.12				.66			.23	.59				.86	.35		
VERNON 2 M		7.05		.15	1.15	.22				.58	2.25	T						.24					.72			.11					.43	1.20		
WEST GLODTON		6.45		.10	.80	.50				.10	2.25							.05	.30				.55			.80	.30				.40	.20		
WINFIELD 2 SW		7.76		.02	1.20	.25	.01		.05	.02	3.50	.12						.14	.17				.70								.45	1.08		
EASTERN VALLEY 04																																		
ANNISTON FAR AP		4.92		T	1.30				T	1.30								.21				T	.12	.46			T	.84				T	.63	.06
BIRMINGHAM WSO			-	-	-	-			-	-	-	-					</																	

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STATION		DAY OF MONTH																															AVERAGE	
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NORTHERN VALLEY 01																																		
ATHENS 2	MAX MIN	62 30	63 36	65 49	70 42	27 26	58 31	64 50	31 50	31 12	13 17	17	52 20	56 24	54 25	57 27	56 26	56 19	55 28	66 55	71 34	48 22	52 19	53 22	53 23	49 22	52 22	52 19	53 21	52 34	52 35	56.8 27.8		
BELLE MINA 2 N	MAX MIN	55 33	58 34	65 41	72 45	46 28	50 28	65 33	71 55	75 28	35 17	36 19	46 22	53 23	54 24	46 21	54 21	49 30	54 26	66 30	71 53	45 25	53 27	53 29	49 28	48 28	42 21	42 21	49 23	48 36	52 39	53.4 29.9		
FALKVILLE 1 E	MAX MIN	54 30	54 34	66 46	73 45	47 25	60 34	73 50	76 39	76 52	34 16	37 18	45 18	55 23	58 24	47 21	57 26	55 19	55 22	49 30	68 56	72 38	49 25	55 29	55 37	48 27	52 26	53 23	40 17	49 27	50 37	53 38	54.6 29.3	
HUNTSVILLE WSO AP	MAX MIN	57 34	68 41	73 55	68 37	51 31	66 34	73 51	77 40	41 25	37 20	48 25	55 25	58 28	47 28	57 24	58 44	51 29	58 29	69 55	74 56	56 32	52 25	54 29	50 37	49 29	51 28	40 25	49 38	50 27	66 37	56 34	56.5 34.2	
MOULTON 2	MAX MIN	60 30	66 40	73 56	70 37	52 25	65 36	72 47	75 43	43 24	38 16	46 20	56 20	58 27	46 24	56 19	52 43	57 27	51 24	67 50	72 63	69 35	52 24	54 27	54 43	53 25	40 28	50 27	50 17	48 36	56 40	56.9 32.9		
MUSCLE SHOALS FAA AP	MAX MIN	61 32	71 34	76 54	59 34	51 25	63 30	73 51	76 38	41 30	37 14	42 21	52 23	54 27	42 27	55 22	57 21	47 23	55 28	69 50	72 48	48 27	52 27	52 30	52 24	55 30	51 28	40 25	49 23	50 37	65 42	55.3 29.8		
REO BAY	MAX MIN	63 32	64 37	78 54	76 34	55 25	69 30	71 43	76 50	41 24	40 18	48 21	49 23	59 25	56 27	55 22	56 21	48 23	55 28	56 50	72 48	57 29	60 27	71 30	63 29	57 27	52 30	50 24	57 23	53 37	66 42	65 42	59.3 29.8	
RUSSELLVILLE 2	MAX MIN	54 28	61 28		74 42	42 25	51 25	64 38	72 55	74 29	32 14	38 18	45 18	55 23	57 26	46 17	54 36	53 29	50 27	57 30	68 56	70 36	48 21	53 22			52 22	51 21	52 24	41 17	53 18	50 38	55 38	54.3 28.3
APPALACHIAN MOUNTAINS 02																																		
BESSEMER 3 WSW	MAX MIN	63 31	67 34	76 36	73 38	54 29	62 27	74 55	77 38		42 18	47 22	58 20	61 22	49 24	62 24	58 35	54 24	58 26	72 48	75 59	59 28	56 30	58 30	53 32	55 30	61 24	46 26	56 29	54 40	54 40	68 51	60.1 31.8	
BIRMINGHAM FAA AP	MAX MIN	61 32	65 37	74 54	72 38	52 29	64 30	70 51	79 50	70 24	38 20	46 26	56 23	58 25	50 27	58 22	57 44	52 26	57 26	69 51	74 57	57 31	53 27	56 27	50 30	57 28	43 30	52 28	53 40	51 39	70 51	58.5 34.2		
GUNTERSVILLE	MAX MIN	57 33	64 39	60 39	61 36	58 30	61 30	68 48	76 59	75 42	59 31	45 25	53 24	57 23	55 28	57 20	54 41	53 42	50 25	67 45	73 59	69 38	53 26	55 31	53 29	50 30	54 27	52 27	48 21	48 35	48 35	66 43	58.0 34.2	
ONEONTA	MAX MIN	53 33	52 32	65 36	71 40	55 29	50 26	65 30	72 55	77 34	35 17	38 18	46 20	55 19	58 22	46 19	60 20	56 32	50 23	58 28	69 55	72 45	54 22	54 25	54 32	48 29	51 25	58 26	41 25	50 36	53 38	55.5 29.6		
SAINT BERNARD	MAX MIN	55 30	65 32	72 40	72 38	47 25	62 25	69 43	76 50	52 25	36 15	44 20	53 21	57 20	48 26	55 12	55 39	56 30	50 22	67 46	72 60	68 31	52 22	54 24	53 23	50 25	54 24	42 24	48 18	51 34	45 36	64 44	57.4 30.1	
SANDY M1 SUBSTA AU	MAX MIN	52 32	58 39	58 44	67 48	57 27	51 28	61 31	66 49	74 30	33 16	35 20	45 20	53 24	55 24	48 22	53 29	52 29	47 25	56 31	65 52	70 38	57 23	49 25	52 30	48 23	49 26	53 24	40 27	48 32	45 35	45 35	53.0 29.7	
SCOTTSBORO	MAX MIN			62 43	70 48	53 27	52 25	65 25	69 52	76 33		35 16	48 16		56 20	59 25		56 15	56 32		69 40	70 49		21 18	21 38		55 32	49 24	52 24	56 24			29.2	
VALLEY HEAD	MAX MIN	52 29	60 34	57 43	68 48	53 28	52 23	66 24	67 48	76 45	47 13	35 13	47 16	55 16	55 19	38 13	57 14	50 24	48 18	50 24	66 50	70 39	59 18	51 18	52 22	47 27	50 20	54 20	39 19	49 21	46 34	47 36	53.6 26.3	
UPPER PLAINS 03																																		
ALICEVILLE	MAX MIN	52 33	60 33	70 44	83 43	43 28	52 29	67 31	78 60	79 29	35 17	40 20	46 21	59 21	59 23	50 20	55 22	59 29	53 24	58 24	73 55	74 41	51 23	55 24	59 29	53 25	50 24	58 25	47 27	55 27	45 42	60 43	57.4 30.2	
BANKHEAD LOCK AND DAM	MAX MIN	53 39	62 42	66 44	78 48	50 31	55 29	62 34	74 60	78 35	36 21	41 20	49 19	56 26	58 21	49 27	57 29	56 39	54 31	57 33	69 56	74 44	52 28	55 28	57 33	50 30	53 31	57 27	45 30	55 42	53 43	58 43	57.1 33.9	
CENTREVILLE WSMO	MAX MIN	52 32	61 30	67 37	79 53	55 28	53 26	67 30	77 58	80 33	35 17	40 16	47 24	56 25	59 26	51 24	59 25	59 36	54 25	60 27	75 57	75 45	54 27	56 25	59 29	52 28	53 27	60 26	47 26	55 25	53 39	58.3 31.1		
CLANTON	MAX MIN	53 35	63 34	63 37	75 49	57 28	54 26	67 28	75 60	80 35	35 17	42 20	48 19	56 22	61 25	51 18	62 21	57 32	54 22	60 25	75 50	75 45	55 24	56 24	57 28	53 26	54 23	60 26	46 25	54 27	51 36	55 38	58.2 29.5	
FAYETTE	MAX MIN	55 30	63 30		80 45	49 27	54 27	68 31	74 57	78 30	33 12	41 12	41 20	60 20	50 18	53 18	56 25	54 25	51 24	60 25	64 57	75 41	53 24	52 24	57 25	61 27	55 27	59 27	45 19	59 19	52 41		57.0 27.9	
HALEYVILLE 3 NE	MAX MIN																																	
HAMILTON 3 S	MAX MIN	56 27	63 27	70 32	79 43	45 23	55 23	68 29	74 49	77 25	33 11	40 12	49 16	56 17	60 19	50 15	57 15	56 22	53 20	58 25	73 56	73 39	50 20	55 20	56 23	49 23	53 23	55 23	44 15	55 15	52 30	57 42	57.1 25.1	
JASPER 4 N	MAX MIN	54 30	58 30	58 31	74 45	49 26	48 25	63 27	71 56	77 38	36 13	38 13	45 18	52 19	57 22	46 15	54 16	56 28	50 27	57 29	68 56	72 39	56 21	52 25	53 32	50 25	49 23	57 25	54 16	50 39	63 53	55.1 27.8		
THORSBY EXP STATION	MAX MIN	60 38	63 40	73 50	70 45	53 29	65 30	74 45	78 50	78 35	40 18	48 26	55 29	60 28	50 32	60 26	60 48	63 35	60 27	74 42	73 63	70 45	55 28	55 28	50 28	53 27	50 28	51 27	50 39	70 38	70 39	60.4 35.3		
TUSCALOOSA FAA AP	MAX MIN	61 36	70 40	82 57	72 40	53 33	67 32	76 55	80 43	21 21	42 22	49 29	56 22	61 28	51 29	58 25	60 50	54 30	59 30	72 50	76 60	60 34	55 30	59 31	53 43	53 32	61 30	54 32	55 26	54 44	54 45	69 59	60.0 36.7	
TUSCALOOSA OLIVER DAM	MAX MIN	53 36	61 40	70 42	81 54	50 30	53 32	68 34	76 58	80 38		40 19	48 24	57 26	59 27	49 24	58 24	59 38	53 24	58 31	72 55	75 45	53 28</											



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STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CALERA 2 SW	MAX MIN	67 47	68 40	66 55	73 44	52 28	65 25	74 55	79 29	73 29	40 17	47 22	58 18	61 20	53 17	61 20	61 29	56 21	74 46	74 60	76 46	58 18	58 28	61 48	65 22	55 32	61 22	55 25	52 38	70 45	70 37	62.5 33.2		
CENTRE 4 SW	MAX MIN	53 38	59 37	60 45	73 53	55 32	51 28	60 36	67 52	77 37	37 21	39 27	45 23	53 23	56 28	45 27	54 34	52 33	51 24	55 34	65 55	71 44	51 26	52 25	51 33	48 32	50 27	57 29	41 24	49 28	49 37	59 40	54.4 33.3	
CHILDERSBURG WTR PLANT	MAX MIN	63 33	64 35	75 47	74 48	54 29	64 27	75 37	81 66	78 31	41 20	47 25	49 20	61 20	57 32	61 16	58 44	64 35	68 22	66 58	71 45	72 45	55 24	59 24	56 44	53 26	59 24	54 30	54 22	53 40	52 40	70 42	61.5 33.5	
GROSOEN STEAM PLANT	MAX MIN	54 34	60 40	61 45	77 53	54 32	52 28	61 40	69 50	77 37	37 21	39 27	47 23	55 23	59 28	46 27	51 34	61 33	51 24	54 34	67 55	73 44	51 26	55 25	55 33	52 26	48 24	52 30	58 22	54 40	57 40	57 42	56.3	
TALLADEGA	MAX MIN	32 12	32 02	38 18	45 28	27 08	24 14	34 14			14 26	22 19		19 28	28 20		20 38	18 20		62 41			32 30		32 40	27 32		22 36	37 36	36 36	31.1			
PIEDMONT PLATEAU 05																																		
ALEXANDER CITY	MAX MIN	55 47	64 40	60 45	70 59	60 32	57 29	65 30	75 54	79 36	40 20	43 22	48 26	59 25	60 29	54 20	62 23	60 35	56 24	60 30	74 56	75 47	55 24	58 27	60 32	52 30	54 25	58 31	49 30	53 35	51 38	50 40	58.6 33.6	
ASHLAND 2 SSE	MAX MIN	52 40	59 36	56 42	69 47	63 31	52 22	63 40	70 50	75 37	37 18	37 19	45 25	54 26	56 27	48 21	58 24	56 34	52 23	53 28	69 48	71 44	51 27	52 26	55 27	48 30	51 26	55 28	44 26	48 27	48 35	49 35	54.7 31.0	
AUBURN AGRONOMY FARM	MAX MIN	56 49	63 43	57 47	73 57	61 33	56 31	67 42	78 58	76 45	45 20	42 21	50 29	60 29	61 34	56 27	59 37	64 37	55 27	59 34	73 50	74 53	58 28	58 42	58 32	50 32	53 32	59 33	47 33	50 36	53 37	54 38	58.9 36.6	
MEFLIN	MAX MIN	55 36	62 41	64 47	70 51	59 30	54 22	55 40	70 50	78 41	41 17	39 22	49 18	56 25	59 25	52 15	60 34	55 33	52 25	56 30	69 48	71 44	51 27	52 26	55 27	48 30	51 26	55 28	44 26	48 27	48 35	49 35	56.1 31.1	
LA FAYETTE	MAX MIN	63 46	56 41	70 47	68 46	58 32	67 28	77 44	79 32		42 18	44 25	58 22	63 25	54 25	59 24	62 33	55 33	58 25	72 45	73 61	67 45	55 25	59 30	49 41	54 29	58 30	45 21	47 29	51 30	47 35	70 40	59.3 34.3	
MARTIN DAM	MAX MIN	62 39	61 49	74 59	61 32	54 30	65 43	78 62	80 39	41 24	42 31	45 29	56 28	60 37	59 22	62 45	64 40	56 24	61 35	75 57	75 50	54 28	52 28	60 40	58 31	53 29	59 37	48 32	52 38	54 38	61 42	73 59	59.5 38.0	
OPELIKA	MAX MIN	55 48	63 47	58 46	72 55	64 35	57 28	67 27	79 56	78 41	45 21	49 21	57 25	62 24	65 25	55 20	62 24	65 37	55 24	60 55	74 45	76 45	57 26	58 25	54 25	58 36	54 25	60 26	47 28	50 34	52 37	52 37	59.8 33.9	
ROCKFORD 2 NNW	MAX MIN	53 38	63 36	62 42	73 55	60 35	55 25	66 27	75 53	79 37	39 17	42 17	48 23	59 27	60 29	53 23	60 25	58 33	56 25	54 26	74 53	73 47	55 25	56 25	58 29	52 29	53 29	58 26	48 26	52 30	54 35	54 35	58.0 31.2	
ROCK MILLS	MAX MIN	55 45	61 35	59 43	71 58	71 34	51 26	65 33	73 50	78 41	44 20	42 23	44 20	58 20	62 28	53 16	61 30	59 33	55 19	58 29	72 55	74 45	57 22	57 23	57 30	49 32	55 23	58 28	47 28	50 34	50 34	50 36	57.9 32.0	
PRAIRIE 06																																		
DAYTON 1 N	MAX MIN	61 45	65 39	77 55	82 46	49 27	62 29	74 52	80 69	81 38	40 18	43 24	52 23	56 23	59 31	56 20	63 47	63 34	61 23	75 55	77 62	75 43	54 25					60 30	55 26	51 38	52 41	66 50	62.6 37.5	
DEMOPOLIS LOCK AND DAM	MAX MIN	54 44	62 42	72 44	82 44	55 30	55 30	67 34	80 59	82 39	36 20	41 23	55 20	60 25	60 28	53 23	61 24	64 42	55 32	62 24	74 56	76 46	52 32	58 26	56 29	55 30	55 27	60 25	48 29	55 28	51 41	55 43	59.1 33.7	
GRAINESVILLE	MAX MIN	54 40	60 40	71 42	83 45	56 29	54 30	67 34	78 59	79 32	37 20	41 21	47 23	56 20	61 28	61 23	60 27	63 34	55 27	59 27	72 47	76 42	52 26	57 27	58 31	54 28	52 26	60 27	48 22	56 24	48 41	58 43	59.1 32.4	
GREENSBORO	MAX MIN	63 35	69 43	74 39	79 41	52 29	68 32	78 53	81 51	52 29	42 17	49 24	60 24	61 25	53 28	62 21	61 49	55 33	61 27	73 50	76 63	68 35	59 24	59 28	54 44	59 24	59 26	54 34	48 28	52 40	55 42	69 53	61.7 35.2	
HAYNEVILLE	MAX MIN	56 44	60 38	78 58	80 51	30 30	63 30	65 36	79 56	80 41	80 22	47 23	47 25	57 25	62 29	55 29	65 48	65 55	66 68			65 65	68 68			55 30	52 28	48 32	48 34	55 34	53 35	60 41	60.6	
LIVINGSTON 2 SW	MAX MIN	44 34	40 30	45 35	43 26	27 13		34 16	50 20	82 30	62 16	53 20	55 20	59 22	63 28	59 17	63 20	65 30	60 23	72 25	76 60	73 41	56 22	58 25	57 30	50 25	52 22	61 30	57 30	55 21	49 42	64 55	60.9 30.7	
MARION JUNCTION 2 NE	MAX MIN	54 38	61 36	72 41	81 55	55 30	51 30	66 30	77 56	83 34	45 20	41 20	47 25	57 24	58 25	50 20	62 20	61 36	56 25	61 28	77 52	78 48	54 28	56 26	56 30	55 30	50 25	60 25	48 28	54 25	52 39	57 42	60.2 32.0	
MINTER 3 NW	MAX MIN																																	
MONTGOMERY WSO AP	MAX MIN	62 43	62 41	80 55	73 46	55 37	66 34	80 52	82 69	74 32	45 27	49 33	58 30	60 29	50 30	62 28	69 49	58 31	65 28	77 52	77 62	70 39	57 30	62 30	56 36	55 36	61 30	51 27	55 33	55 44	60 44	74 55	63.2 39.6	
SELMA	MAX MIN	67 43	65 40	69 52	79 46	57 33	67 37	78 48	83 69	78 33	46 32	49 30	61 29	61 28	53 23	62 24	64 56	61 49	64 27	79 58	77 64	71 44	58 30	59 30	57 45	55 33	61 28	52 38	56 30	53 43	56 41	62 56	63.2 40.4	
UNION SPRINGS 4 S	MAX MIN	57 50	62 40	67 45	78 56	67 34	54 31	65 32	81 54	81 42	42 22	44 22	48 25	52 25	64 26	47 21	62 27	67 46	57 26	62 26	76 48	76 55	58 28	60 28	59 28	55 30	59 28	58 28	47 33	52 35	54 38	60 40	60.4 34.5	
COASTAL PLAIN 07																																		
ANDALUSIA 1 NW	MAX MIN	65 40	62 42	65 44	82 58	72 35	58 33	70 40	80 63	80 43	46 24	46 29	50 24	61 26	64 33	57 25	66 40	73 44	60 26	67 42	78 52	79 46	62 28	61 30	61 37	61 31	59 27	63 40	48 33	58 40	57 42	69 49	63.9 34.8	
ATMORE	MAX MIN	60 49	65 43	75 51	82 54	63 35	57 37	73 42	77 66	81 39	39 23	49 23	50 28	60 30	65 37	58 30	67 40	70 45	65 30	71 42	79 52	79 52	60 31	62 33	63 40	62 32	59 31	63 40	49 34	60 41	52 41	67 50	63.9 39.6	
BEATRICE 1 E	MAX MIN	56 49	67 51	75 52	71 54	33 33	35 35	71 47	80 39	82 39	39 23	47 25	59 29	60 29	56 31	62 33	64 38	61 45	64 33	79 67	77 44	71 44	58 30	59 30	57 45	55 33	61 28	52 38	58 30	60 43	59 41	61 56	62.5 37.3	
BRANTLEY	MAX MIN	61 48	65 47	80 54	83 55	66 31	58 27	71 30	80 56	82 34	44 21	45 22	51 21	61 22	64 22	57 18	61 21	73 22	65 38	67 41	79 54	80 54	63 24	62 26	63 36	60 28	61 24	56 32	50 29	60 36	58 40	69 46	64.4 33.7	

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STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CLAYTON	MAX MIN	56 49	61 43	62 45	75 55	72 33	56 34	62 41	81 54	79 43	47 21	43 26	50 28	56 32	61 32	48 27	65 31	71 38	55 30	64 35	76 55	76 53	61 30	57 31	62 24	60 37	58 32	59 33	45 33	48 34	53 34	63 38	60.7 36.5	
ENTERPRISE S NNW	MAX MIN	60 50	60 45	61 47	82 61	77 36	57 36	68 40	81 57	82 46	46 24	44 24	50 29	58 30	62 34	55 31	65 34	71 42	57 34	65 35	77 49	78 55	61 31	59 33	59 38	62 35	57 35	60 37	46 36	55 38	55 39	69 48	62.5 39.0	
EUFALA WILDLIFE REF	MAX MIN																																	
EVERGREEN	MAX MIN	58 48	58 41	67 45	81 64	65 32	54 33	69 37	79 61	82 39	40 21	43 22	50 24	58 26	62 28	54 25	65 30	73 40	57 27	67 30	78 54	79 56	59 28	58 28	60 30	58 30	55 27	61 28	48 33	56 34	54 40	65 48	61.7 35.8	
FRISCO CITY	MAX MIN																																	
GENEVA 2	MAX MIN	62 49	62 43	76 54	81 60	80 40	57 33	68 34	84 58	82 43	44 24	44 29	50 27	58 25	63 27	55 25	66 28	74 43	58 25	68 28	78 49	78 56	63 30	63 30	60 45	67 34	57 28	60 39	48 37	56 40	57 43	72 43	64.2 37.7	
GREENVILLE	MAX MIN	56 46	58 38	79 45		62 32	52 32	78 34	80 80	80 36	37 21	46 24	47 28	55 27	55 29	58 25	63 28	71 37	54 27		78 39	77 55	60 24	29 29	28 28	55 32	52 28	56 28	54 29	53 35	55 40	64 45	60.6 32.1	
HEADLAND	MAX MIN	63 52	61 45	60 49	80 59	79 38	56 35	66 43	83 55	81 54	54 25	43 25	50 27	56 29	61 35	55 26	65 35	68 42	56 28	65 31	76 52	78 56	63 30	58 32	58 35	67 34	63 33	59 31	45 36	52 40	55 40	70 49	62.8 38.7	
HIGHLAND HOME	MAX MIN	56 45	59 40	64 48	80 62	64 31	55 31	68 37	80 57	80 38	38 21	42 22	49 25	52 28	61 33	49 26	64 28	71 38	58 30	64 30	77 53	77 55	56 29	57 29	60 35	54 31	55 33	60 34	47 29	56 31	54 40	63 45	60.3 35.9	
OZARK 6 NNW	MAX MIN	61 50	58 44	80 50	77 55	57 32	69 38	82 57	77 63	72 34	44 22	44 28	58 30	65 36	58 37	65 27	71 47	67 42	64 31	77 51	78 60	72 54	60 35	59 35	62 44	57 34	62 32	57 31	55 35	55 40	69 44	74 56	64.7 41.1	
PITTSVIEW	MAX MIN	57 51	65 38	61 49	75 59	72 38	57 31	66 37	81 49	80 27	45 22	50 24	50 20	58 20	50 17	50 17		72 39	57 18	63 50	77 56	77 56	62 23	58 24	60 35	56 32	55 23	61 26	47 27	52 34	54 35	64 38	61.4 32.3	
THOMASVILLE	MAX MIN	54 45	64 40	76 43	81 55	56 30	55 31	70 35	79 65	81 35	42 20	45 21	48 25	59 27	62 29	53 25	65 25	68 38	59 28	67 34	78 55	77 46	57 28	60 30	55 33	61 27	57 27	63 31	49 27	58 28	50 38	63 45	61.7 34.4	
TROY	MAX MIN	60 48	60 43	79 50	72 44	56 31	68 35	79 51	80 67	72 30	56 21	51 27	57 26	63 28	51 33	64 26	72 47	63 38	65 29	77 50	77 57	70 45	58 28	59 33	58 43	56 32	61 32	48 35	55 34	54 39	67 42	75 54	64.0 38.6	
WHATLEY	MAX MIN	62 40	74 33	70 39	79 40	60 28	59 27	63 49	80 51	72 30	43 22	49 19	52 20	61 20	60 19	59 24	60 28	62 30	70 31	79 45	80 48	74 44	66 23	61 41	66 23	69 25	68 29	67 20	57 25	54 38	62 42	72 42	64.8 32.1	
• • •																																		
GULF	08																																	
BAY MINETTE 3 NNW	MAX MIN	64 48	75 44	81 60	76 45	58 31	72 40	80 61	80 70	75 34	44 22	49 27	58 25	64 30	56 35	67 29	75 53	68 40	70 31	78 54	78 59	70 50	61 29	61 33	63 46	58 29	62 30	54 41	59 29	53 43	67 46	74 62	66.1 41.2	
COOEN	MAX MIN	67 52	71 44	77 67	72 47	59 33	71 37	78 65	78 70	72 35	45 25	50 28	58 26	63 31	57 38	66 34	72 52	63 46	31		73 50	66 60	62 30	67 55	59 30	62 32		58 32	55 46		73 50	65.2 41.8		
DAUPHIN ISLAND 2	MAX MIN	64 50	64 56	75 62	79 66	69 40	64 45	72 58	74 70	81 42	46 34	45 38	48 39	55 43	61 44	55 44	61 48	71 50	56 48	65 51	70 60	71 57	62 47	57 47	65 54	66 43	59 46	50 47	57 43	56 46	65 50	62.8 49.0		
FAIRHOPE 2 NE	MAX MIN	61 47	64 46	74 54	79 71	73 35	57 35	73 44	80 72	78 40	46 24	41 26	48 30	58 30	63 33	58 35		73 39	58 32	68 38	72 60	75 56	58 34	55 34	62 39	63 32	54 42	60 42	49 36	58 36	56 45	67 55	62.7 41.4	
MOBILE WSO AP	MAX MIN	66 47	72 47	77 67	75 45	59 36	72 41	76 66	78 73	76 31	44 26	49 28	57 29	64 32	56 39	66 35	76 55	60 37	70 34	78 56	78 62	70 40	60 36	61 36	65 44	58 34	62 34	51 42	58 34	55 48	65 51	70 64	65.3 43.5	
ROBERTSDALE	MAX MIN		67 46	74 46	81 72	74 38	60 36	74 43	78 73	79 45	45 26	46 25	50 28	59 28	65 31	63 32	67 35	75 48	61 32	70 35	74 55	77 57	61 33	59 32	62 34	65 34	59 32	64 33	50 34	61 34	57 45	66 53	64.8 39.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY SOIL TEMPERATURES

ALABAMA  
DECEMBER 1978

STATION	DEPTH	TIME	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN AGRONOMY FARM	(1N)																																	
	2	MAX	56	67	58	66	65	60	63	68	70	59	52	48	52	54	52	56	59	56	53	62	66	62	59	57	53	59	58	46	47	53	52	57.7
	MIN	55	48	50	56	47	43	44	53	59	35	35	35	36	36	37	37	35	41	36	37	50	57	39	37	39	37	39	39	36	36	38	42	42.2
	4	MAX	58	63	57	65	65	60	60	66	67	62	49	50	51	52	50	52	55	53	51	60	63	60	55	53	50	54	54	47	47	48	49	55.7
	MIN	57	50	51	55	52	47	47	54	62	40	39	41	41	41	41	41	37	44	39	41	51	57	45	40	40	42	39	43	40	39	39	42	45.0
	8	MAX	57	60	56	62	63	57	56	62	64	64	49	47	48	49	47	49	53	51	49	56	60	59	53	50	50	51	50	45	45	46	49	53.5
	MIN	56	53	53	55	54	49	49	54	60	44	42	42	41	42	42	40	47	42	42	49	55	46	43	43	45	43	43	41	40	41	44	46.5	
	(1N)																																	
	4	MAX	62	67	67	73	68	63	66	68	73	60	50	51	52	55	53	57	63	57	60	67	69	65	60	56	58	58	57	46	53	52	59	60.2
	MIN	57	51	51	64	50	47	46	58	60	40	39	39	38	39	39	39	50	40	40	52	60	43	42	41	43	41	41	39	39	46	50	45.9	
	(1N)																																	
	4	MAX	63	62	60	66	69	58	58	65	68	68	48	50	50	51	48	51	56	55	51	62	64	60	54	50	60	58	54	55	50	52	57	57.2
	MIN	60	56	56	60	55	50	49	55	64	45	44	42	43	40	41	40	47	44	42	49	58	48	45	45	50	54	45	44	43	46	49	48.7	
	(1N)																																	
	4	MAX	60	66	57	66	67	63	62	67	-	70	54	54	55	56	49	-	59	56	54	61	65	65	58	55	54	57	57	48	51	51	55	58.3
	MIN	60	57	57	57	57	49	49	56	-	45	45	43	42	42	39	-	41	43	41	51	59	46	45	46	43	44	43	44	44	44	48	47.6	
	(1N)																																	
	4	MAX	68	68	66	65	65	62	65	65	63	50	53	55	54	51	55	52	54	53	66	64	60	58	55	53	53	56	49	52	47	50	66	57.8
	MIN	50	54	54	56	47	45	54	63	50	40	41	42	41	42	41	40	45	42	42	60	56	44	43	43	44	42	40	39	40	42	48	46.1	
	(1N)																																	
	4	MAX	55	59	59	64	58	54	58	65	68	50	48	50	51	52	49	48	50	53	49	57	61	52	52	49	49	52	51	45	46	45	50	53.2
	MIN	46	48	56	58	45	46	53	58	50	41	40	40	40	41	40	48	42	40	47	49	52	42	41	47	41	40	40	38	41	45	45	45.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

ALABAMA  
DECEMBER 1978

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
* * * PIEDMONT PLATEAU 05																																		
AUBURN AGRONOMY FARM		EVAP	.04	-	.05	.07	-	.04	.19	.07	.04	-	-	-	-	-	-	.01	-	-	.05	.16	-	-	-	-	-	-	.08	-	-	-	-	
	WIND	37	25	64	99	70	26	27	35	107	110	48	24	22	33	16	14	62	37	20	46	86	47	21	38	72	18	42	44	52	51	68	1461	
	MAX	51	62	50	65	63	56	60	69	72	58	35	37	49	54	46	52	56	52	49	64	70	58	53	51	46	52	53	43	46	43	46	53.6	
	MIN	46	43	43	49	39	38	38	49	58	24	24	27	29	31	29	30	35	30	30	48	54	31	32	32	32	32	30	33	32	31	32	35.8	
MARTIN DAM		EVAP	.04	.04	-	.54	.06	.09	.01	.16	.41	.12	.03	.05	.10	.10	.03	.12	.07	.08	.02	.11	.07	.19	.11	.04	.18	.02	.06	.12	.12	.08	.07	3.358
	WIND	29	32	58	35	34	27	40	77	99	71	47	37	64	41	22	70	47	28	37	58	39	30	33	29	29	60	65	46	40	23	62	1425	
* * * PRAIRIE 06																																		
DEMOPOLIS LOCK AND DAM		EVAP	.02	.10	.07	-	-	-	.09	.06	-	-	-	-	-	-	-	.07	.09	.07	.04	.18	-	-	.12	.11	-	-	-	-	.03	.03	-	
	WIND	62	21	74	159	87	27	52	67	145	136	68	50	24	60	33	23	70	50	39	90	117	63	9	30	114	16	66	88	106	79	73	2098	
	MAX	54	64	67	73	-	60	61	70	77	-	-	-	-	55	48	52	58	55	54	68	72	-	58	50	53	-	56	-	51	43	51	58.7	
	MIN	48	48	48	58	-	38	38	53	40	-	-	-	-	32	33	36	46	41	36	53	52	-	39	47	43	-	33	-	36	39	43	42.6	
* * * COASTAL PLAIN 07																																		
HEADLAND		EVAP	.03	.09	.09	-	-	-	.04	.05	.06	-	-	-	.06	.06	.08	.04	.22	.00	.04	.03	.07	.08	.06	.03	.09	.07	.07	.08	.08	.18	.02	2.138
	WIND	73	61	56	79	88	65	66	83	76	67	53	54	59	64	65	54	61	64	65	78	84	75	76	51	58	56	65	54	52	52	62	65.0	
	MAX	55	48	49	54	39	38	38	50	65	30	30	32	34	35	35	34	45	35	34	48	60	36	42	50	47	45	37	37	38	38	45	42.0	
	MIN	55	48	49	54	39	38	38	50	65	30	30	32	34	35	35	34	45	35	34	48	60	36	42	50	47	45	37	37	38	38	45	42.0	
* * * GULF 08																																		
FAIRHOPE 2 NE		EVAP	.03	.03	.00	.05	-	.04	.00	.04	.13	-	-	-	.04	.06	-	.08	.05	.00	.01	.03	.10	.02	-	.05	.00	.05	.05	.06	.04	.00	1.198	
	WIND	16	18	28	43	41	6	16	32	44	90	15	14	7	13	8	-	31	16	8	29	43	20	9	22	37	12	16	10	22	33	14	713	
	MAX	64	59	69	78	71	48	67	78	80	54	39	41	41	49	48	-	64	52	53	65	70	61	46	54	61	45	47	46	51	52	63	57.2	
	MIN	51	46	48	65	42	41	44	66	43	30	28	31	34	35	38	-	38	38	37	51	59	40	38	37	38	36	36	37	36	43	51	42.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

ALABAMA  
DECEMBER 1978

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHERN VALLEY 01	SNOWFALL SN ON GND WTR EQUIV									T																						
HUNTSVILLE WSO AP																																
MUSCLE SHOALS FAR AP	SNOWFALL SN ON GND				T					T																						
APPALACHIAN MOUNTAINS 02	SNOWFALL SN ON GND																															
VALLEY HEAD												T																				
UPPER PLAINS 03	SNOWFALL SN ON GND																															
HAMILTON 3 S												T																				
TUSCALOOSA FAR AP	SNOWFALL SN ON GND									T																						
VERNON 2 N	SNOWFALL SN ON GND										T																					
PRAIRIE 06	SNOWFALL SN ON GND																															
GAINESVILLE												T																				

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
DECEMBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ABBEVILLE 1 NNW	0008	07	HENRY	4	31 35	85 17	465		7A		C	JOHN S RICHBURG
ADISON	0063	03	WINSTON	2	34 13	87 11	795				C	PROF PALMER GOOSEY
ALBERTA	0140	07	WILCOX	1	32 14	87 25	175		7A		C	SIONEY J HAROY JR
ALEXANDER CITY	0160	05	TALLAPOOSA	11	32 57	85 57	660	7A	7A		H	HENRY O OENHAM
ALICEVILLE	0178	03	PICKENS	13	33 08	88 10	135	7A	7A		H	W MORRIS TAYLOR
ANDALUSIA 1 NW	0252	07	COVINGTON	6	31 19	86 30	242	8A	8A		H	SEWAGE DISPOSAL PLANT
ANNISTON FAA AP	0272	04	CALHOUN	7	33 35	85 51	611	MIO	MIO		H	FAA
ARLEY 3 S	0338	03	WINSTON	2	34 04	87 13	500		7A			MRS OORA R OAVIS
ASHLAND 2 SSE	0369	05	CLAY	11	33 15	85 50	1091	6A	6A		C H	LOWELL SMITH
ATHENS 2	0395	01	LIMESTONE	12	34 48	86 59	720	9A	9A		H	RADIO STATION WJMW
ATMORE	0407	07	ESCAMBIA	8	31 01	87 30	294	9A	9A		C H	RADIO STATION WATM
AUBURN AGRONOMY FARM	0430	05	LEE	11	32 36	85 30	652	8A	8A	8A	GH	NATL WEATHER SERVICE
AUTUGAVILLE 3 N	0440	03	AUTAUGA	1	32 28	86 41	200		6A			JAMES B NEIGHBORS
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	2	33 27	87 21	280	7A	7A		H	U S CORPS OF ENGINEERS
BAR MINETTE 3 NNW	0583	08	BALOWIN	9	30 55	87 47	278	7A	7A		H	WILLIAM E MILLER JR
BEATRICE 1 E	0616	07	MONROE	1	31 44	87 12	178	7A	7A			MARY L BAYLES
BELLE MINA 2 N	0655	01	LIMESTONE	12	34 42	86 53	600	7A	7A		H	AUBURN UNIVERSITY
BERRY	0748	03	FAYETTE	2	33 40	87 36	452				C	INACTIVE 10/18/78
BESSEMER 3 WSW	0764	02	JEFFERSON	2	33 24	87 00	445	MIO	MIO		H	VALLEY CRK W-TRMT PLT
BIRMINGHAM WSWO	R 0829	04	JEFFERSON	3	33 28	86 50	744	MIO	MIO		C HJ	NATL WEATHER SERVICE
BIRMINGHAM FAA AP	R 0831	02	JEFFERSON	2	33 34	86 45	625	MIO	MIO		HJ	FAA FLIGHT SERVICE
BOAZ	0957	02	MARSHALL	2	34 13	86 10	1070		7A		C	ROBERT L WHEELER
BRANTLEY	1069	07	CRENSHAW	6	31 35	86 16	274	8A	8A		H	R E HENDERSON
BREWTON 3 ENE	1080	07	ESCAMBIA	6	31 07	87 02	160	7A	7A		G	AUBURN UNIVERSITY
BREWTON 3 SSE	1084	07	ESCAMBIA	6	31 04	87 03	85	6P	7A		H	JOHN ROBERT PEAVY
BROOKWOOD	1143	03	TUSCALOOSA	2	33 16	87 17	606		7A			JOE K STYRON
BRUNOIOGE	1178	07	PIKE	5	31 43	85 49	510		7A			GEORGE L HICKS
CALERA 2 SW	1288	04	SHELBY	7	33 05	86 47	540	SP	SP		H	FAYE G FAUST
CAMDEN 3 NW	1301	07	WILCOX	1	32 02	87 19	235	SP	SP		H	AUBURN UNIVERSITY
CARBON HILL	1377	03	WALKER	2	33 54	87 32	430		7A			MRS ANNA MAE GARRISON
CENTRE 4 SW	1512	04	CHEROKEE	7	34 07	85 44	617	7A	7A		H	DOON R WATSON
CENTREVILLE WSMO	1525	03	BIBB	3	32 54	87 15	456	7A	7A		H	WEA SERV MET OBS
CHATOM 4 N	1566	07	WASHINGTON	13	31 32	88 15	285	SP	SP		H	ALABAMA FORESTRY COMM
CHILBERSBURG WTR PLANT	1620	04	TALLAPOOSA	7	33 17	86 20	418	SP	SP		H	CITY WATER PLANT
CLAIBORNE	1690	07	MONROE	1	31 32	87 31	183		7A			TOLLIE L HASKEW
CLANTON	1694	03	CHILTON	7	32 51	86 38	580	7A	7A		H	MARION W EASTERLING
CLAYTON	1725	07	BARBOUR	5	31 53	85 28	596	8A	8A		H	MRS ELIZABETH M WESTON
COHEN	1803	08	MOBILE	9	30 23	88 14	12	7A	7A		H	LEWIS M OEGEER
COFFEE SPRINGS 2 NW	1807	07	GENEVA	5	31 11	85 56	250		7A			HENRY F KELLY
COLBERT STEAM PLANT	1819	01	COLBERT	12	34 45	87 51	470				C	JAMES E EDISON
COROONA 2 ENE	1940	03	WALKER	2	33 45	87 09	320		7A			EDWARD A BARTON
COTTONTON	1974	07	RUSSELL	4	32 09	85 04	217		7A			HUGH S KITE
CUBA	2079	06	SUMTER	13	32 26	88 23	215		7A			REUBEN P HARRIS
DADEVILLE	2119	05	TALLAPOOSA	11	32 49	85 45	630		7A			WILLIAM L BARTLETT
DADEVILLE 2	2124	05	TALLAPOOSA	11	32 50	85 46	730				C	RUFUS P PLESS
DAUPHIN ISLAND 2	2172	08	MOBILE	9	30 15	88 05	8	8A	8A		C H	DAUPHIN ISLAND SEA LAB
DAYTON 1 N	2188	06	MARENGO	13	32 22	87 39	230	7A	7A		H	R N HEREFORD
DELTA	2235	05	CLAY	11	33 26	85 42	1030		7A			INACTIVE 3/31/77
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	13	32 31	87 50	100	6A	6A	6A	H	U S CORPS OF ENGINEERS
DOOTHAN	2377	07	HOUSTON	5	31 12	85 24	275				C	M H RONEY
ELBA	2577	07	COFFEE	10	31 25	86 04	195		7A			ARTHUR C BRUNSON
ELROO	2632	03	TUSCALOOSA	13	33 15	87 48	252		7A			MRS HELEN E FAIR
ENTERPRISE 5 NNW	2675	07	COFFEE	5	31 23	85 54	469	7A	7A		C H	JERRY R MARTIN
EUFULA WILDLIFE REF	2730	07	BARBOUR	4	31 59	85 06	215	8A	8A			EUFULA WILDLIFE REFUGE
EVERGREEN	2758	07	CONECUH	6	31 27	86 56	290	7A	7A		H	GEORGE E WINOHAM
FAIRHOPE 2 NE	2813	08	BALOWIN	9	30 33	87 53	23	7A	7A	7A	H	AUBURN UNIV EXP STA
FALKVILLE 1 E	2840	01	MORGAN	12	34 22	86 53	625	7A	7A		H	JOHN M OUNAWAY
FAYETTE	2883	03	FAYETTE	13	33 41	87 49	365	7A	7A		H	GORMAN J BLACK
FORT PAYNE	3043	02	DE KALB	7	34 27	85 43	934		7A		C	CARL PARKER
FRISCO CITY	3105	07	MONROE	8	31 27	87 23	400	7A	7A		H	W C MAJORS
GAOSEN STEAM PLANT	3154	04	ETOWAH	7	34 02	86 00	565	6A	6A		H	GAOSEN STEAM PLANT
GAINESVILLE	3160	06	SUMTER	13	32 49	88 09	130	7A	7A		H	MACK C FIELDS
GARDEN CITY	3200	02	CULLMAN	2	34 01	86 45	500		8A			MRS GLAORYS MCKENZIE
GENEVA 2	3251	07	GENEVA	5	31 03	85 53	145	7A	7A			ROBERT C REYNOLDS
GEORGIANNA	3271	07	BUTLER	6	31 38	86 44	285		7A			T E MASON
GILBERTOWN	3308	07	CHOCTAW	13	31 53	88 20	128	6P	6P		H	INACTIVE 9/30/78
GORGAS	3430	03	WALKER	2	33 39	87 12	300		6A			ALABAMA POWER CO
GREENSBORO	3511	06	HALE	2	32 42	87 35	220	6P	6P		H	MRS WILLIE J ARRINGTON
GREENVILLE	3519	07	BUTLER	6	31 51	86 38	530	7A	7A		C H	MICHAEL L FINOLEY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
DECEMBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
GUNTERSVILLE	3573	02	MARSHALL	12	34 20	86 19	578	4P	4P		H	RADIO STATION WGSV
GUNTERSVILLE TVA	3578	02	MARSHALL	12	34 22	86 17	605				C	TVA-765
HALEYVILLE 3 NE	3620	03	WINSTON	2	34 16	87 35	950	SP	SP		C H	JIM WALKER
HAMILTON 3 S	3645	03	MARION	13	34 06	87 59	435	7A	7A		C H	EDDIE L PEARCE
HANCEVILLE	3655	02	CULLMAN	2	34 03	86 46	530				C	JAMES E MC CRAY
HAYNEVILLE	3748	06	LOWNOES	1	32 11	86 35	170	8A	8A		H	OIXIE S MOORER
HEADLAND	3761	07	HENRY	5	31 21	85 20	370	7A	7A	7A	GH	AUBURN UNIVERSITY
HEFLIN	3775	05	CLEBURNE	11	33 39	85 36	850	8A	8A		H	CITY OF HEFLIN
HIGHLAND HOME	3816	07	CRENSHAW	6	31 57	86 19	594	7A	7A		H	CHARLES R PORTER
HIGHTOWER	3842	05	CLEBURNE	11	33 32	85 24	1175					ARLON L OTIS
HOOGES	3899	01	FRANKLIN	13	34 20	87 56	840		7A			MARY N AVERY
HUNTSVILLE WSO AP	4064	01	MADISON	12	34 39	86 46	624	M10	M10	M10C	HJ	NATL WEATHER SERVICE
HURTSBORO	4080	07	RUSSELL	4	32 15	85 24	400		7A			W W MC CAIN
JACKSON	4193	07	CLARKE	13	31 30	87 54	220		8A			ALLIED PAPER INC
JACKSONVILLE	4209	04	CALHOUN	7	33 49	85 47	690		7A			INACTIVE 7/31/78
JASPER 4 N	4226	03	WALKER	2	33 54	87 16	525	7A	7A		H	JAMES A BRITAIN
JORDAN OAM	4306	05	ELMORE	7	32 37	86 15	290		6A			ALABAMA POWER CO
KINSTON	4431	07	COFFEE	10	31 14	86 11	270		7A			FRED W WOOD
LAFAYETTE	4502	05	CHAMBERS	4	32 54	85 24	830	SP	SP		H	MISS MAYMIE LANORUM
LAY OAM	4603	03	CHILTON	7	32 58	86 31	420		6A			ALABAMA POWER CO
LEEDS	4619	02	JEFFERSON	3	33 33	86 33	636		7A			MRS MARY K LEE
LEESBURG	4627	04	CHEROKEE	7	34 11	85 46	589		7A			RUFUS M SEWELL
LIVINGSTON 2 SW	4798	06	SUMTER	13	32 35	88 12	160	7A	7A		H	B B WILLIAMSON JR
LOUISVILLE	4884	07	BARBOUR	5	31 47	85 33	480		8A			JOHN B ARO
MARION 6 NE	5112	06	PERRY	3	32 42	87 16	173		7A			MARION FISH HATCHERY
MARION JUNCTION 2 NE	5121	06	OALLAS	3	32 28	87 13	200	7A	7A		GH	AUBURN UNIVERSITY
MARTIN OAM	5140	05	ELMORE	11	32 40	85 55	340	6P	6P	6P	H	ALABAMA POWER CO
MATHEWS 1 S	5172	06	MONTGOMERY	11	32 15	86 00	195		7A			W O (BILL) OILLARO
MELVIN	5354	07	CHOCTAW	13	31 56	88 27	350		7A			ERNEST H LANO
MLOWAY	5397	06	BULLOCK	4	32 04	85 31	495					ALFRED S AOMAS
MILSTEAD	5439	06	MACON	11	32 27	85 54	201		8A			KATHY A HARWICK
MINTER 3 NW	5449	06	OALLAS	1	32 06	87 02	370	7A	7A		H	HENRY J YATES
MITCHELL OAM	5465	03	CHILTON	7	32 48	86 27	350		6A			ALABAMA POWER CO
MOBILE WSO AP	5478	08	MOBILE	9	30 41	88 15	211	M10	M10		C HJ	NATL WEATHER SERVICE
MONTVALLO	5537	04	SHELBY	3	33 06	86 52	462		7A			MURICE P JETER JR
MONTGOMERY WSO AP	5550	06	MONTGOMERY	1	32 18	86 24	221	M10	M10		C HJ	NATL WEATHER SERVICE
MOULTON 2	5635	01	LAWRENCE	12	34 29	87 18	645	6P	6P		H	JOHN N KELLEY
MUSCLE SHOALS FAA AP	5749	01	COLBERT	12	34 45	87 37	540	M10	M10		H	FAA
NEW MARKET 2	5867	01	MADISON	12	34 55	86 27	725	SP	SP		H	INACTIVE 5/31/77
NEWTON	5875	07	OALE	5	31 20	85 37	260		7A			CHARLES R BRACKINS
ONEONTA	6121	02	BLOUNT	2	33 57	86 29	870	7A	7A		H	LONNIE R NORRIS
OPELIKA	6129	05	LEE	11	32 38	85 23	755	8A	8A		H	RADIO STATION WJHO
OZARK 6 NNW	6218	07	OALE	5	31 32	85 41	470	SP	SP		H	CHARLES H CARROLL
PAINT ROCK 2 N	6226	02	JACKSON	12	34 42	86 20	635				C	TVA-69
PALMEROALE 2 W	6246	02	JEFFERSON	2	33 46	86 40	798		7A			GEORGE T POSEY
PERRYVILLE	6362	06	PERRY	3	32 36	87 09	500		7A			MRS EVELYN M FULLER
PETERMAN	6370	07	MONROE	1	31 35	87 16	195					MRS MINTA EDDINS
PICKENSVILLE 2	6418	03	PICKENS	13	33 14	88 17	180		7A			RES ENG OF-US CORP ENG
PINE APPLE	6436	07	WILCOX	1	31 53	87 00	230		7A			MRS EVA R RAY
PINE LEVEL	6468	06	MONTGOMERY	6	32 04	86 04	506		7A			MRS ENA C PAUL
PITTSVIEW	6501	07	RUSSELL	4	32 11	85 10	380	7A	7A		GH	FRANK TURNER
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	1	32 37	86 54	230		7A			JAMES E FISCHER
REO BAY	6805	01	FRANKLIN	12	34 26	88 08	680	SP	SP		H	RADIO STATION WRMG
REFORM 2 E	6847	03	PICKENS	13	33 23	87 59	271		7A			RAIFORD C MC COOL
RIVER FALLS	6937	07	COVINGTON	6	31 22	86 32	205		7A			RONY 8 TOMLIN
RIVER FALLS 2 NE	6942	07	COVINGTON	6	31 22	86 31	190					ALABAMA ELECTRIC COOP
ROBERTS OALE	6988	08	BALOWIN	9	30 34	87 44	155	6A	6A		H	JOHN K LASSITTER
ROCKFORD 2 NNW	7020	05	COOSA	7	32 54	86 14	670	7A	7A		H	CHARLES W MC EWEN
ROCK MILLS	7025	05	RANDOLPH	4	33 09	85 18	745	6A	6A		H	JOHN T BAILEY
RUSSELLVILLE 2	7131	01	FRANKLIN	12	34 31	87 44	880	7A	7A		H	RADIO STATION WWR
SAINT BERNARD	7157	02	CULLMAN	2	34 10	86 49	800	7A	M10		H	ST BERNARD COLLEGE
SAND MT SUBSTA AU	7207	02	DE KALB	12	34 17	85 58	1195	7A	7A		H	SAND MTN SUBSTATION
SAYRE	7282	02	JEFFERSON	2	33 43	86 58	304		7A			MIRIAM W PRIMORE
SCOTTSBORO	7304	02	JACKSON	12	34 41	86 03	615	7A	7A		H	RADIO STATION WCR
SELMA	7365	06	OALAS	1	32 25	87 00	147	SP	7A		H	ROBERT J CHANOLER
SUTTLE	7963	06	PERRY	3	32 32	87 11	145		7A			J F SUTLE JR
TALLADEGA	8024	04	TALLADEGA	7	33 26	86 05	555	7A	7A		H	JOE WOODARD
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	11	32 26	86 11	177		7A			TALLAPOOSA WATER PLANT
THOMASVILLE	8178	07	CLARKE	13	31 55	87 44	405	7A	7A		C H	LEROY GATES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
DECEMBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
THORSBY EXP STATION	8209	03	CHILTON	1	32 53	86 42	680	6P	6P		CG	AUBURN UNIVERSITY
THURLOW DAM	8215	05	ELMORE	11	32 32	85 54	288		6A			ALABAMA POWER CO
TONEY	8259	01	MAISON	12	34 54	86 44	750				C	TVA-506
TROY	8323	07	PIKE	10	31 49	85 59	580	6P	6A		C H	THOMAS J OILLARO
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	2	33 14	87 37	169	M10	M10		H	FAA
TUSCALOOSA OLIVER DAM	8385	03	TUSCALOOSA	2	33 13	87 35	152	7A	7A		C H	U S CORP OF ENGINEERS
UNION SPRINGS 4 5	8438	06	BULLOCK	6	32 06	85 43	460	7A	7A		H	JERRY COPE
UNIONTOWN	8446	06	PERRY	1	32 27	87 31	265		7A			MRS J C JACKSON
VALLEY HEAD	8469	02	DE KALB	7	34 34	85 37	1042	7A	7A		H	C & H LUMBER COMPANY
VERNON 2 N	8517	03	LAMAR	13	33 48	88 07	265	7A	7A		C H	JOEL CAMP
WAOLEY	8605	05	RANDOLPH	11	33 07	85 34	640		6A			ALABAMA POWER CO
WALLACE 2 E	8637	07	ESCAMBIA	6	31 12	87 11	205		7A			MRS ESSIE M CHAVERS
WALNUT GROVE	8648	04	ETOWAH	2	34 04	86 19	850		7A			STELLA M GORE
WARRIOR 3 NW	8670	02	JEFFERSON	2	33 51	86 57	650		7A		C	GILBERT C YARBROUGH
WARRIOR LOCK AND DAM	8673	06	GREENE	2	32 47	87 50	110		6A		C	U S CORPS OF ENGINEERS
WEST BLOCTON	8809	03	BIBB	3	33 07	87 07	500		7A			ORA L PAPP
WETUMPKA	8859	05	ELMORE	7	32 32	86 12	180		8A			RANDALL MARVIN LOGAN
WHATLEY	8867	07	CLARKE	13	31 39	87 43	170	5P	7A		H	MRS VALMA G COLEMAN
WINFIELD 2 SW NEW STATIONS	8998	03	FAYETTE	13	33 55	87 50	468	7A	7A	7A	G	ROBERT A MOORE JR
BIRMINGHAM WSFO	R 0829	04	JEFFERSON	3	33 28	86 50	744	M10	M10		C HJ	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

ALABAMA

Station	Temperature													Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days						
										Max.		Min.							Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										30° or Above	25° or Above	20° or Above	15° or Above	10° or Above														
JULY 1978																												
FAYETTE PITTSVIEW	94.6H 92.2H	68.9H 67.4H	81.8H 79.8H	2.2	103 98	31 2	62 62	18 20	0 0	0 26	0 0	0 0	0 0	.80	- 4.19	.55 1.68	10 28	.0 .0	0 0				3 6	1 0	0 0			
SEPTEMBER 1978																												
FAYETTE	91.3H	62.8H	77.1H	3.9	100	10			0	0	0	0	0	2.47	- .69			.0	0									

See Reference Notes Following Station Index



## ALABAMA

See Reference Notes Following Station Index



# LATE REPORTS DAILY TEMPERATURES

ALABAMA

Station				Day of Month																															Average
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
● ● ● JULY 1978	MAX																																94.6 68.9		
	MIN																																		
FAYETTE	MAX																																103 72		
	MIN			96 70	98 72	93 69	93 72	93 73	96 69	99 70	99 69	87 67	93 72	95 70	95 70	93 70	91 67	87 63	92 62	98 69	99 69	96 67	95 67	97 68	95 75	95 69	95 67	97 67	89 69						
PITTSVIEW	MAX	94 64	94 64	95 73	95 67	93 70	92 70	85 69	90 70	93 69	95 70	95 70	92 68	94 69	90 66	92 66	92 67	89 65	92 63	94 67	90 62	92 65	92 66	95 66	96 66	93 63	88 65	88 69	83 68	89 68	91 68	92.2 67.4			
	MIN																																		
● ● ● SEPTEMBER 1978	MAX																																91.3 62.8		
	MIN																																		
FAYETTE	MAX																																91.3 62.8		
	MIN				90 56	94 60	97 62	95 62	96 62	95 62	100 62	95 62	95 65	93 67	86 67	85 69	87 64	90 65	95 67	94 68	95 64	97 64	94 66	88 63	82 65	85 65	85 60		85 60	86 60					

## CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
May 1978	Temperature and Precipitation Extremes			Lowest Temperature: Valley Head, 38. Date, 17.
May 1978	Monthly Summarized Station and Divisional Data	Appalachian Mountains 01	Valley Head	Average minimum temperature, 51.0. Average temperature, 63.5. Departure from normal, -3.4. Lowest temperature, 38; date, 17. Total degree days, 124.
May 1978	Daily Temperatures	Appalachian Mountains 02	Valley Head	Minimum on 17th, 38; 18th, 40. Average minimum, 51.0.
May 1978	Monthly Summarized Station and Divisional Data	Appalachian Mountains 02	Division	Average temperature, 66.8. Departure from normal, -2.2.
July 1978	Daily Soil Temperatures	Piedmont Plateau 05	Auburn Agronomy Farm	4 inch maximum on 12th, 99. Average maximum, 96.6.
November 1978	Monthly Summarized Station and Divisional Data	Upper Plains 03	Fayette	Number of days with minimum 32 or below, 2.

Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for this State.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 6:00 a.m., c.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 12:00 noon, c.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS**, as used in this publication, became effective with data for September 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

#### DAILY SDIL TEMPERATURE TABLE:

	Soil Type	Soil Cover	Degree of Slope
Auburn Agronomy Farm	: Chesterfield sandy loam	Bare	0-2%
Brewton 3 ENE	: Smithdale fine sandy loam	Bare	0-2%
Headland	: Dothan sandy loam	Bare	Unknown
Marion Junction 2 NE	: Sumter clay	Bare	3-5%
Pittsview	: Izagara fine sandy loam	Bare	Unknown
Thorsby Exp. Station	: Fine loam	Bare	0-2%
Winfield 2 SW	: Ora fine sandy loam	Bare	2-6%

All stations equipped with Palmer soil thermometers.

All max and min for 24-hour period ending at listed observation times except Auburn Agronomy Farm, which is 8 a.m.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Cage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- C "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

\* ORAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTahoochee 5-CHOCTAWHatchee 6-CONECUH 7-COOSA 8-ESCAMBIA 9-CULF 10-PEA  
11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

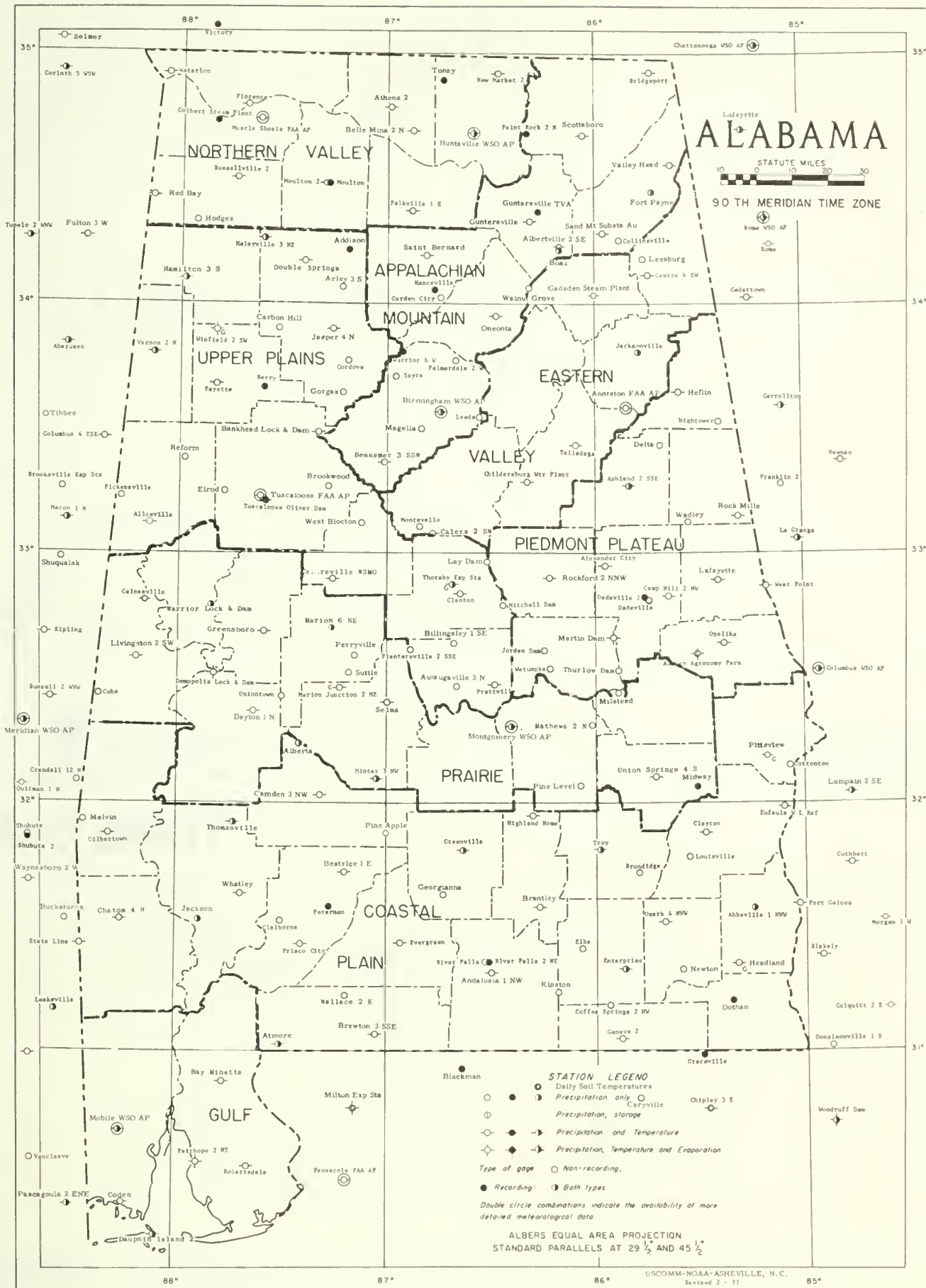
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and SDRM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications.

Make checks payable to Department of Commerce, NDAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.

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**THIRD CLASS**

# CLIMATOLOGICAL DATA

## ANNUAL SUMMARY



ALABAMA

1978

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER





Table 1

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA  
1978

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
HEADLAND	39.9		42.6		55.0		66.4M	- 49.0	72.5		79.5		81.5		79.2		78.2		66.2		62.8		50.8		64.5M	
HIGHLAND HOME	37.7	-10.8	41.0	-10.0	53.5	- 3.5	65.5	- .3	71.3	- 1.6	78.2	- .3	81.6	- 1.3	79.4	- .7	78.1	- 2.4	66.7	- 1.7	62.4M	- 6.4	48.1	- 1.3	63.5M	- 1.6
OZARK 6 NNW	41.4M	- 9.1	44.4	- 8.7	56.9	- 1.8	67.4	- .3	72.8M	- 1.1	80.0	- .7	80.3	- .2	80.6	- .3	79.8	- 3.4	69.2	- 1.6	64.0	- 7.3	52.9	- 1.4	63.9M	- .5
PITTSVIEW	35.8M		39.2		51.3		62.7		69.5M		76.8		79.8M		77.6M		76.1M		61.9M		58.4		46.9M		61.4M	
THOMASVILLE	37.6	- 9.8	40.6	-10.0	53.5	- 3.0	66.2	- .4	71.8M	- .9	78.1	- .7	79.7	- .8	78.9	- 1.2	78.3	- 2.9			61.3	- 6.0	48.1	- .6		
TRDY	39.7	- 9.4	43.2M	- 8.6	55.0	- 2.6	66.2	- .0	72.6	- .7	79.3	- .4	80.6	- .4	79.9M	- .2	78.7	- 2.7	67.5M	- .5	62.4	- 5.9	51.3	- 1.0	64.7M	- .9
WHATLEY	39.0		42.6		55.0		66.3M		70.3		80.1				80.0		76.7M				59.1M		48.5			
DIVISION	39.3	- 9.9	42.0	-10.0	54.4	- 3.3	66.1	- .3	72.1	- 1.2	79.3	- .3	81.1	- .5	79.8	- .6	78.4	- 2.4	65.8	- .7	61.9	- 5.7	49.6	- .5	64.2	- 1.4
GULF																										
BAY MINETTE 3 NNW	41.6	-10.1	45.5	- 8.9	57.0	- 2.8	67.6M	- .4	74.3	- .3	80.2	- .4	81.2	- .2	80.9	- .2	79.1	- 1.5	67.9	- 1.0	64.6	- 5.9	53.7	- .9	66.1M	- 1.2
CODEN	42.8		45.4M		55.9M		66.4		74.0		79.6		80.6		80.9		74.6		67.0		64.0		53.5		65.7M	
DAUPHIN ISLAND 2	43.9M		45.3				69.8		76.3		82.3		82.8		83.1		82.1		71.4		68.6		55.9M			
FAIRHOPE 2 NE	41.4M	-10.9	43.9	-10.9	55.6	- 4.3	66.8	- 1.0	74.0	- .6	80.0	- .0	80.5	- .8	80.4	- .9	78.9	- 1.8	67.1M	- 1.6	64.3	- 5.1	52.1M	- 1.6	65.4M	- 2.2
MOBILE WSO AP	41.2	-10.0	45.1	- 8.9	56.7	- 2.7	68.5	- .6	75.4	- .6	81.2	- .9	82.8	- 1.2	83.2	- 1.7	81.6	- 4.1	69.8	- .6	65.1	- 6.6	54.4	- 1.5	67.1	- .3
ROBERTSOALE	42.3	- 9.6	44.3	-10.0	55.7	- 3.7	66.8	- .6	74.4	- .5	80.2M	- 1.1	81.2M	- .6	80.6	- .1	79.7M	- 2.8	67.4M	- .8	64.9M	- 6.3	52.3	- .8	65.8M	- 1.2
DIVISION	42.2	- 9.7	44.9	- 9.6	56.7	- 3.5	67.7	- .2	74.7	- .0	80.6	- .5	81.5	- .1	81.5	- .1	80.0	- 2.4	68.4	- .7	65.3	- 6.2	53.7	- .3	66.4	- 1.2

See Reference Notes Following Station Index

TABLE 2

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA  
1974

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL						
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE					
	3.04 3.96 4.16 4.41-1.38 3.86-1.27		.83 .71 .50 .82-4.90 .59-4.97		4.96 5.29 4.29 4.25- 4.81		2.83 2.35 2.02 2.78-2.59 2.80-1.90		7.09 5.64 8.66 9.68 5.67		4.28 3.86 3.71 3.60 3.87-		3.84 7.86 5.25 3.71-1.11 5.44		1.74 1.40 5.98 3.72- 3.45		2.74 2.42 2.79 2.85- 2.35-		.02 3.40 1.43 1.40- 1.78		4.43 3.40 4.60 3.13- 3.25		8.99 7.21 6.73 7.16 7.48		-0.90 -5.87 50.12 -8.51-5.64 -5.82						
	3.99 4.10-1.09 2.03		.75 .51-4.66 1.23		4.82 4.56- 4.27		2.92 1.98-1.35 2.98		10.50 8.34 9.17 11.30		4.43 3.38 3.76 4.42		2.95 2.80-1.31 1.27		1.23 1.22- 3.05		1.85 2.82 1.73		1.53 1.40-1.84 2.40		3.25 4.23 3.42		6.10 7.48 4.97		43.67 42.92-5.12 42.67						
	3.47-1.64		.76-4.60		4.86- 4.92		2.75-2.03		8.38-4.68		4.34-.87		3.00-.54		2.63-.89		2.40-1.06		1.10-1.42		4.00-.06		7.17-1.80		45.86-5.64						
	4.54 4.20 5.93 5.60		.55 .30 .67 .27		1.76-3.86 1.31-3.97 1.40-4.33 1.70-4.47 .87-4.55		4.05-2.51 3.07-3.10 4.14-1.80 4.34-1.79 3.51-2.55		2.03-3.43 2.64-1.98 4.23-.73 4.73-.75 2.95-2.07		8.52-4.36 8.51-4.89 5.53-1.47 7.27-3.41 1.78		4.49-1.13 5.04-1.04 3.02-.64 2.90-.95 3.56-1.11		3.40-1.86 5.04-1.13 4.37-.19 3.97-.43 2.47-1.85		5.29-1.73 1.14-2.50 1.49-2.25 1.26-2.72 3.39-.30		2.76-2.08 2.26-2.36 2.09-1.32 2.94-1.20 2.22-1.04		2.89-1.44 2.71-1.01 2.90-1.32 2.94-1.20 3.22-1.04		4.92-1.50 5.43-1.20 7.21-2.04 7.94-3.01 7.54-2.26		48.79-7.75 41.70-11.44 44.23-8.06 55.75-7.49 61.73-12.40						
	4.70 4.92 6.17 5.61		.62 .41 1.07 1.43		1.37-4.20 1.98-4.66 1.48-3.86 4.80-5.25		4.21-2.28 2.82-2.39 3.59-2.61 4.38-1.79		2.62-2.31 2.72-1.12 2.89-1.95 3.13-1.93		8.19 7.76 1.44 5.12		3.34 2.16 4.56 1.16		2.49 2.17-3.44 1.46-3.23 2.93-1.55		5.14 2.17-2.21 3.33-3.38 3.79-.09		2.27 1.98-2.77 2.03-1.56 3.11-.85		2.22 2.82-1.35 4.05-2.14 2.67-1.72		5.84 6.49 7.71 6.36		48.79-16.82 41.70-11.87 49.22-11.52 39.87-15.33						
	3.16 4.82 6.29		2.06 .93 1.13		.80-4.42 1.77-4.92 1.74-4.70 1.34		3.36-2.93 4.98-1.54 5.12-.91 3.18		3.00-1.84 1.95-3.39 7.21-.89 4.21		9.54-6.05 6.14-2.01 8.63-4.76 7.88		3.94-.40 3.26-.61 3.15-.83 2.81		2.79-2.14 3.73-.39 4.01-.46 4.53		1.92-2.30 1.00-2.95 1.03-3.00 2.09		.69-1.74 1.33-1.18 1.79-2.05 3.28		3.58-.43 5.92-1.48 8.45-3.40 7.23		5.83-1.78 9.02-3.48 8.45-3.40 7.23		41.07-11.55 44.32-11.35 48.91-5.28 42.73						
	4.88-4.6		1.01-4.51		4.29-1.91		3.19-1.79		6.94-3.09		3.78-.06		3.71-1.54		3.83-.04		2.23-1.45		.79-1.86		2.79-1.38		6.97-1.54		43.81-10.31						
	4.51 2.62 7.14 4.27 4.96		.08 1.63 2.94 1.05 1.58		1.22-4.08 .88-4.92 1.79-3.07 1.55-3.60 1.38		3.64-2.10 3.32-3.19 3.69-2.88 3.55		2.42-2.53 1.83-3.45 1.95-3.69 1.24-2.77 1.89		7.00-3.80 7.79-4.83 7.68-3.56 9.43-5.84 9.40		4.24-1.07 2.68-1.32 5.14-2.20 3.98-.03 2.22		5.44-1.06 4.74-.99 3.93-.99 3.11-1.34 3.32		3.91-.63 3.72-.55 3.31-1.75 2.69-1.36 3.31		2.48-.25 2.98-.98 3.54-.12 3.78-.53 3.46		.70-1.54 1.33-2.04 2.62-1.77 3.20-1.37 3.37-2.03 3.40		3.20-.51 2.62-1.77 3.20-1.37 3.34-.77 3.40		5.93-.91 7.06-1.52 4.16-.78 7.87-2.76 5.47		45.37-3.46 42.10-14.51 68.10-4.33 55.51-7.70 42.66				
	4.59 4.51 4.39 4.29		1.47 2.58 .95 1.59		1.17-4.99 2.06 1.41-4.05 1.59		3.39-3.27 2.66 3.95-2.61 4.34		2.13-4.04 7.89 1.35-4.45 3.15-1.86 2.77		9.43 9.43 9.74 9.74		3.82-.92 5.43 3.76-2.44 2.62-1.35 4.70		3.03-2.44 2.43 2.70-3.07 3.46-1.84 2.81		4.12-.07 2.70 1.51-1.18 2.47-1.87 3.80		1.57-2.05 1.37 1.85-.18 1.79-1.67 3.80		2.73-1.49 1.65 2.82 3.00-1.24 3.00		2.67-1.77 2.82 2.80-1.24 3.00-1.09 -		7.17 5.46 7.30 5.71 -		1.57 19.74 44.91-10.75 46.25-6.33 -				
	2.94 2.62 5.93 4.18 4.14		2.15 2.90 .40 1.78 1.00		1.63-3.50 2.76-2.70 1.83-3.78 1.90-4.79 1.00		4.35-1.62 3.33-3.19 3.60-3.10 4.23-2.72 4.53		2.59-2.27 1.94-3.52 3.30-1.63 2.29-3.30 1.24		8.14-4.66 7.32-3.84 7.20-3.46 13.62-9.83 10.64		3.99-.61 3.58-.54 4.23-.41 6.07-2.05 2.67		1.31-3.76 4.00-3.19 3.80-.83 3.40-1.56 1.52		2.57-1.64 1.71-3.05 4.28-.02 2.72-1.39 2.74		1.55-1.67 2.47-.69 2.52-.99 2.78-1.06 2.18		.91-1.71 2.05-2.56 3.34-2.21 1.47-1.15 1.04		2.59-1.33 2.71-1.33 2.95-1.19 2.06-2.22 2.99		8.02-3.17 7.26-2.04 7.14-1.90 7.15-1.24 7.74		40.59-11.24 38.84-15.28 65.25-8.34 50.93-6.23 41.91				
	4.54 6.73 7.21 4.13 7.82		1.21 2.21 2.60 1.77 3.11		4.09 3.01 3.31 3.34 4.29		4.09 3.27-2.84 4.37-1.75 4.22-1.41 4.29		4.09 2.84 1.75 1.41 2.85		8.36 5.93 2.70 8.84 3.81		3.62 2.37-1.99 3.29-.84 2.98-.39 3.10-1.25		2.24 1.43-3.34 1.16-4.58 4.13-.54 2.74		3.88 2.28-1.78 2.08-1.58 2.24-1.26 2.33-1.58		3.68 3.12-.46 1.32-.00 1.26-.02 2.46-.16		.39 2.06 2.24 2.95 2.49		2.34 2.69-.84 2.72-.80 3.34-1.98 2.67-1.09		6.69 4.87 4.85 7.30 4.79		43.23 38.62-12.30 40.16-11.95 53.27-4.94 48.37-5.63				
	4.46 4.92 5.20		.52 .03 .72		1.80-3.65 1.73-3.81 1.60-3.94 1.63		3.72-2.13 3.31-2.34 3.69-2.26 4.66		1.62-3.33 2.73-3.01 1.94-2.87 1.25		10.36 8.25 8.68 9.42		6.50 4.63 4.91 4.23		3.61 1.61 1.72 1.83		3.08-.79 1.01 3.72-1.16 3.25-.46 1.83		2.01-1.03 1.07 1.70-1.16 2.96-.96 2.04		.92-1.70 2.79 1.66-1.91 1.75-1.83 3.18		3.29-1.05 2.49 1.44-1.24 2.41-1.48 3.18		5.47 4.13 7.66 7.05		44.82-7.44 55.12-7.49 51.57-4.99 44.85-6.33 43.81				
	6.40 4.61-1.09		1.65 1.27		4.14 4.44		3.05-3.33 3.87-2.32		2.90-2.75 2.98-4.09		4.80 10.77		4.42 7.10		2.77 3.83		1.90 1.60		1.45 1.40		2.43 1.95		3.90 3.04		6.45 7.76		51.22-4.42 43.88-9.76				
	6.41-2.6		1.70-3.64		3.71-2.52		2.50-2.70		9.17-5.46		4.60-.36		2.73-2.06		2.86-1.20		2.20-1.22		.70-1.75		2.73-1.16		6.75-1.41		44.26-9.30						
	6.33		1.19		3.57		4.99		6.04		4.10		3.03		4.82		1.50		.15		2.20		4.92		43.74						
	5.83 6.98 8.47		.87 .59 3.80		2.11-3.43 3.95 2.59-2.63		2.91-3.77 3.95 3.54-2.76		3.16-2.56 5.02 2.77-2.27		8.22 5.44 6.80		4.55 6.38 2.92		5.47 6.38 5.28		1.16 1.08 .73		3.60 2.44 2.95		.21 .08 1.95		2.61 2.86 1.95		1.19 6.91 4.77		46.09-8.75 49.57 60.46-5.69				
	6.27 5.94 7.05 8.49 5.35		1.00 .77 1.44 3.40 .69		.71-4.71 2.76 4.38-2.81 2.74-3.58 4.12-2.84		3.76-2.33 2.76 3.61 4.67-1.07 3.49-2.84		4.18-1.58 4.61 4.61 5.74-2.02 2.79-2.25		7.57 4.61 4.61 6.02 8.15		3.89 4.81 4.81 5.36 2.41		3.70 4.98 2.06 4.85 4.11		.04 2.34 2.34 2.20 2.26		4.85 1.23 3.45 4.49 2.39		.03 1.23 1.33 1.03 1.98		3.83 2.0 1.88 1.34 2.88		1.48 2.13 2.00 1.80 2.88		2.65 1.33 3.68 2.78 2.25		6.44 1.11 5.46 5.48 5.04		55.40-7.76 43.92-5.30 45.06-9.53 37.61-14.58
	5.41		.73		4.08		3.42		5.88		2.07		2.25		5.22		1.24		2.91		4.09		38.84								
	6.44		1.50		1.40-3.97		3.54-2.75		3.71-1.41		7.18		3.67		4.84		.67		3.78-.84		3.93-.03		1.77-1.88		1.17-2.32		2.42-1.24				
	7.91 7.89 8.90 8.01 6.46		2.84 2.08 4.07 3.16 1.36		2.08-2.99 2.67-2.85 1.93-3.41 1.36		3.20-3.62 1.80-3.13 3.81-2.89 1.51		3.66-2.44 4.49-.72 5.16-.25 4.55		7.00 8.04 8.48 7.89		2.63 4.14 2.60 6.30		2.93 1.55 1.36 6.30		1.80 1.55 1.88		1.04-2.92 1.23 2.35 2.31		2.02-2.36 2.49 2.97 2.44		3.32-.47 3.45 2.97 2.44		5.12-.08 4.29-1.22 5.12-.02 5.01		45.41-10.23 50.81-5.19 55.81-8.71 49.52				
	8.04 9.15 8.39 7.30 6.34		3.21 4.52 2.32 3.40 1.46		2.54-2.81 2.93 3.27 2.94-2.79 1.46		3.39-3.01 3.39-2.84 3.59-2.90 3.97		3.73-1.50 5.25-1.92 7.60-2.25 3.50		10.50 7.44 8.45 7.79 8.15		2.57 4.62 2.04 3.56 2.41		1.57 5.23 2.04 1.88		2.03 3.87 2.04 1.88		4.67-.94 3.67-1.62 4.90 5.13 3.30		3.38-.10 1.00-1.12 2.50 5.02 4.28		.95-2.98 1.23-2.01 2.35 2.35 1.11		.09-2.71 2.77-2.21 2.00 2.00 3.78		2.49-1.45 3.37-1.33 3.39 5.70 3.78		4.60-.27 4.81-.31 4.95 5.70 4.65		43.10-9.96 43.70-4.51 66.94 49.74-2.83 66.10
	7.68 8.31 7.67 7.21		3.28 3.18 1.80 1.55		3.10-3.09 3.09-3.09 3.07-3.33		3.04-3.19 3.72-1.96 3.43-.78		3.62-1.64 3.72-1.08 7.34-.78		7.11 7.38 8.10 4.13		3.25 3.63 1.32 1.32		1.71-2.24 3.50-.22 4.13-2.87		2.24 2.82 2.82 2.72		4.03 1.82 1.34 1.34		1.00-2.90 3.32-2.7 4.04-3.71		1.55-2.26 1.85 2.67		2.77-1.23 4.28 2.47		3.05 5.33 4.63		51.96-14.55 41.97-7.84 39.00-10.03		



## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

ALABAMA  
1971

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WETUMPA		7.99	3.20	1.66	3.38	3.70	2.52	3.49	1.89	7.48	4.13	1.65	2.85	1.96	3.99	8.23	3.71	1.70	2.37	1.55	.63	3.76	.03	5.36	.17	67.59	6.28
DIVISION		7.96	3.16	1.98	3.27	3.75	2.49	3.43	1.55	7.47	3.77	3.82	.34	4.43	.83	4.47	.45	1.24	2.81	.21	2.31	1.18	.69	4.96	.24	67.30	7.57
PRAIRIE																											
CUBA		4.92	.94	2.13	2.92	3.09	2.96	2.80	2.21	6.79	2.66	2.93	.85	4.17	.23	4.62	.95	3.54	2.28	.02	2.31	3.08	.44	3.99	.40	61.48	9.16
DAYTON 1 N		4.80	.51	1.60	3.23	3.05	3.54	4.04	1.20	8.74	4.86	5.61	1.97	5.00	.03	1.90	1.78	3.37	.28	2.00	.29	3.46	.02	3.72	1.84	67.39	4.81
DEMOPOLIS LOCK AND DAM		5.34	.84	1.73	3.17	3.09	2.92	4.35	.55	8.61	4.79	3.71	.63	4.69	.37	3.60	.40	2.29	.65	.13	2.37	2.97	.31	5.78	.68	66.29	4.23
GAINESVILLE		5.47	.72	2.35	3.05	3.30	2.56	2.87	2.18	12.17	8.73	4.20	.99	2.42	2.81	2.63	.64	1.29	1.78	.05	2.14	2.04	1.01	5.80	1.33	65.19	5.26
GREENSBORO		4.91	.26	2.65	2.69	3.20	3.28	3.47	1.76	9.35	5.49	2.34	1.21	4.42	.41	1.75	2.08	4.75	1.31	.29	2.19	3.20	1.12	5.98	.70	66.57	5.96
HAYNEVILLE		8.44	4.20	1.72	2.68	4.31	1.69	4.15	.62	6.73	3.36	4.79	1.37	2.40	2.20	4.96	1.61	1.03	2.89	.00	2.15	3.80	.40	4.98	.44	67.41	.82
LIVINGSTON 2 SW		5.62	1.12	2.13	3.06	2.75	4.02	3.25	1.95	8.34	4.64	4.89	1.50	6.17	.04	1.44	2.42	1.13	1.87	.11	2.34	2.47	1.34	8.10	2.42	66.46	7.26
MARIAN 4 NE		4.88	1.70	2.22	2.98	2.89	4.72	4.06	.18	7.62	4.06	4.65	1.17	1.83	3.29	2.34	1.65	2.14	1.24	.18	2.13	2.89	.54	4.84	.14	62.51	9.63
MARIAN JUNCTION 2 NE		5.95	1.60	2.85	1.96	3.39	2.95	4.17	.92	8.44	4.96	5.64	1.43	3.01	1.77	3.69	.03	2.69	.70	2.09	.34	2.47	.76	5.10	.31	61.79	.15
MATTHEWS 1 S		8.68		2.31		3.61		4.58		8.86		4.21		3.47		4.00		1.51		.11		4.31		4.27		40.92	
MILSTEAD		7.93	3.76	3.70	1.19	6.20	.02	7.08	2.09	14.85	11.39																
MINTER 3 NW		6.88		2.29		2.34		3.96		8.12		5.91		2.25													
MONTGOMERY WST AP		6.95	2.93	2.29	2.01	2.61	3.41	4.57	.12	12.01	8.54	3.87	.16	4.02	1.07	3.52	.05	2.16	2.23	.01	2.23	3.09	.34	4.24	.69	49.36	.50
PERRYVILLE		5.01	1.49	1.88	3.59	3.80	2.84	5.41	.16	7.87	4.42	2.94	1.25	4.98	.26	5.88	2.25	2.56	.77	.50	1.86	2.64	.93	5.39	.17	49.46	3.01
PINE LEVEL		10.44	6.00	2.09	2.62	3.51	2.90	5.30	.77	7.02	3.23	5.08	1.14	7.93	2.18	3.31	1.12	.60	3.56	.73	1.64	3.97	.54	3.91	1.14	48.89	3.42
SELMA		8.15	3.74	1.72	3.33	3.20	3.05	5.94	.82	8.22	4.54	6.04	2.02	1.41	3.54	4.78	.99	3.80	.33	.08	2.48	3.12	.38	1.18	2.26	49.64	2.64
SUITE		6.79		2.46		3.62		4.50		8.91		3.88		1.41		4.78		2.97		.50		2.54		4.74		47.55	
TALLAPOOSA WATER PLT		11.40	7.16	2.11	2.69	4.58	1.56	4.22	.41	8.52	5.02	2.57	1.48	3.40		9.23		3.66		.48		3.76		3.49			
UNION SPRINGS 4 S		4.83	.36	1.84	3.06	2.96	3.75	4.98	.14	6.31	2.75	5.67	2.14	5.04	.12	2.70	.72	1.78	1.42	1.00	1.31	3.40	.00	4.04	1.08	44.52	.23
UNIONTOWN																											
WARRIOR LOCK AND DAM		4.90	.31	2.01	3.26	3.20	2.78	7.78	2.72	8.08	4.63	4.35	1.04	1.42	2.71	3.09	.84	1.41	1.86	.42	1.82	2.73	.93	6.29	1.08	40.68	9.36
DIVISION		6.73	2.36	2.13	2.72	3.26	3.00	4.27	.68	9.03	5.44	4.52	.64	3.77	1.44	3.35	.37	2.32	1.23	.51	1.87	3.09	.43	5.12	.11	48.10	3.44
COASTAL PLAIN																											
ABBEVILLE 1 NW		11.56		2.50		7.29		4.58		6.77		4.57		6.52	2.94	4.21		.98		.86		3.35		2.39		55.38	
ALBERTA		4.42	2.11	1.73	3.28	2.59	3.85	3.40	1.70	9.63	5.80	7.05	4.76	1.89	2.94	3.74	.40	1.74	1.88	.59	1.95	3.84	.34	4.71	.81	48.51	4.52
ANDALUSIA 1 NW		9.78	5.21	3.08	1.45	4.70	1.72	3.74	1.65	12.41	8.20	9.28	4.70	7.15	.71	5.48	.17	4.27	.58	.44	1.91	3.81	.21	4.01	1.39	68.15	10.49
ATHENS		12.27		3.70		4.37		5.74		8.01		8.98		4.42		5.03		4.55		.15		4.71		4.88		67.51	
BEATRICE 1 E		5.37	3.91	2.39	1.99	2.31	4.34	5.95	.97	10.73	6.83	4.24	4.16	2.98	3.24	5.39	1.34	1.23	2.70	.00	2.11	3.33	.33	3.64	1.74	54.54	.76
BRANTLEY		10.31	5.76	2.76	1.62	3.96	2.31	4.53	1.07	10.51	6.89	4.82	.37	6.19	.09	5.88	.65	1.53	2.85	.03	2.03	3.68	.17	3.61	1.40	48.91	4.79
BRENTON 3 ENE		11.15		1.49		5.96		3.59		10.43		9.58		9.34		2.55		2.13		.35		4.24		5.12		67.93	
BRENTON 3 SSE		10.72	6.16	4.03	1.00	6.20	.41	4.78	.90	11.49	7.13	4.41	2.91	6.10	1.54	3.89	1.82	3.44	1.77	.18	2.62	3.61	.50	5.44	.18	68.29	5.78
BRUNING		9.00	6.00	2.45	1.92	4.04	1.71	5.10	.45	7.44	3.95	3.39	.66	4.18	2.03	5.63	.54	1.10	3.13	1.47	.73	3.05	.07	3.87	1.01	51.30	1.68
CAMDEN 3 NW		6.88		2.47		1.87		4.43		8.06		4.11		2.74		3.50		1.77		.09		3.12		4.41		47.42	
CHATAM 4 N		4.03		2.23		2.45		3.04		8.90		8.10		4.76		1.94		3.67		.21		4.14		5.33		50.40	
CLAIRBORNE		8.31		2.14		3.01		4.62		11.21		9.47		6.73		4.72		3.12		.31		3.12		4.43		59.92	
CLAYTON		9.87	5.66	2.78	1.49	4.67	1.22	4.44	.10	12.45	4.57	2.07	2.08	3.46	2.04	6.09	1.71	.12	4.16	.21	2.11	3.54	.49	1.61	3.52	47.23	4.13
COFFEE SPRINGS 2 NW		10.40	6.64	2.15	1.60	4.65	.94	4.56	.68	12.40	4.33	3.65	1.19	4.05	1.44	2.05	3.35	1.90	2.73	.00	2.17	3.60	.38	2.95	2.20	56.66	1.00
COTTONTOWN		10.45		2.90		4.88		5.35		7.97		4.25		2.63		10.90		.00		.00		2.67		3.09		55.29	
ELBA		10.92	6.38	2.70	1.09	4.01	1.40	3.75	1.40	13.69	9.91	8.55	4.90	7.57	1.14	4.44	.55	3.73	.56	.10	2.07	3.39	.32	3.97	1.48	67.72	12.51
ENTERPRISE 5 NW		10.69		2.72		5.72		4.81		7.89		7.40		4.30		4.26		.84		.19		3.71		2.69		55.48	
EUFULA WILDLIFE REF		9.99	5.54	2.66	1.99	4.93	.79	5.19	.75	6.60	2.65	2.74	2.00	6.10	2.54	8.59	4.11	.10	4.00	.00	1.94	2.85	.14	2.78	2.52	47.45	5.61
EVERGREEN		11.19	6.52	2.56	2.25	4.09	2.80	2.92	2.07	12.99	9.24	8.79	3.02	6.43	.12	1.55	.53	1.64	3.30	.09	2.07	4.18	.00	6.44	.78	62.41	4.94
FRISCO CITY		4.16	3.22	2.88	1.90	3.66	2.49	4.22	1.85	16.12	12.06	9.94	4.88	6.48	.11	2.04	2.68	3.05	1.81	.12	2.64	3.73	.73	3.47	1.82	64.49	6.88
GENEVA 7		10.79		2.89		4.03		7.68		9																	

Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA  
1978

Station	Highest	Date	Lowest	Date	Last spring minimum of								First fall minimum of										Number of days between dates						
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
* * *																													
NORTHERN VALLEY 01																													
ATHENS 2	97	9- 9+	7	1-10	3- 5	16	3- 5	16	3-19	24	3-28	27	4-22	31	10-15	30	12- 5	27	12-10	12	12-10	12	12-10	12	280	280	266	252	176
BELLE MTNA 2 N	97	6-30+	9	1-10	3- 5	16	3- 5	16	3- 6	21	3-18	24	3-28	30	10-15	32	12- 5	28	12-10	17	12-10	17	NONE	NONE	280	279	262	201	
FAKVILLE 1 E	98	7- 1+	11	1-10	3- 5	14	3- 5	17	3- 6	17	3-28	27	4-22	31	10-15	30	12- 5	25	12-10	16	12-10	16	12-10	16	280	279	279	252	176
HINTSVILLE WSD AP	98	6-28	10	1- 9	2-22	16	3- 5	18	3- 5	18	3-18	27	3-28	32	12- 5	31	12- 9	25	12-10	20	12-10	20	NONE	NONE	280	280	266	252	
HOUTON 2	100	9- 9	11	1-26+	3- 4	15	3- 4	15	3-18	24	3-18	24	3-28	29	10-15	32	12- 5	25	12- 9	24	12-10	16	12-10	16	281	281	266	262	201
MUSCLE SHOALS FAA AP	99	6-29	12	2- 6+	2-22	15	3- 5	18	3- 5	18	3-28	27	3-28	27	12- 5	29	12- 9	24	12- 9	24	12-10	18	NONE	NONE	280	279	256	252	
RFO BAY	99	6-29	10	2-23+	3- 5	14	3- 5	14	3- 5	14	3-20	27	3-28	29	-	-	12- 5	25	12-10	14	12-10	14	12-10	14	280	280	280	260	-
RUSSELLVILLE 2	98	7-31	7	2-22	3- 6	14	3- 6	14	3- 6	14	3-19	27	4-22	32	10- 7	32	10- 9	28	12-10	14	12-10	14	12-10	14	279	279	279	204	168
* * *																													
APPALACHIAN MOUNTAINS 02																													
BFSSEMER 3 WSW	102	6-30	11	1-11+	2- 6	14	2-22	18	3- 5	22	3- 5	22	3-28	30	10-15	32	12- 6	27	12- 9	15	12- 9	15	12- 9	15	306	290	279	276	201
BIRMINGHAM FAA AP	99	6-29	14	1- 9	2- 7	16	3- 5	17	3- 5	17	3-18	28	3-28	30	12- 1	32	12- 9	24	12- 9	24	12-10	20	NONE	NONE	280	279	266	248	
GINTERSVILLE	99	-	9	2-20+	2-25	15	3- 5	17	3-18	24	3-18	24	3-18	24	-	-	-	-	12-12	24	12-15	20	NONE	NONE	285	269	-	-	
OHONTA	98	7- 2	11	1- 9	3- 5	16	3- 5	19	3- 6	19	3-19	28	4-22	32	10-15	32	12- 6	26	12-10	17	12-10	17	NONE	NONE	279	279	262	-	176
SAMT BERNARD	100	6-30+	11	1- 9	3- 5	13	3- 5	13	3-18	24	-	-	-	-	10-15	30	12- 5	25	12-10	15	12-10	15	12-10	15	-	-	-	-	
SAND MT SUBSTA AU	97	6-29	7	1-10	3- 6	13	3- 6	13	3-18	23	3-18	23	4-22	32	10-15	29	12- 5	27	12-10	16	12-10	16	12-10	16	279	279	267	262	176
SCOTTSBORO	100	6-29+	10	1-11+	3- 5	14	3- 6	18	3-18	23	3-19	26	4-23	30	-	-	-	-	12-10	16	12-10	16	12-10	16	280	279	267	-	-
VALLEY HEAD	98	8-19	7	1-10+	3- 6	10	3-18	19	3-19	22	4-22	28	4-28	31	10- 7	30	10- 8	28	10-17	24	12-10	13	12-10	13	279	267	212	169	162
* * *																													
UPPER PLAINS 03																													
ALICEVILLE	100	9-10+	15	1- 3	2-20	16	3- 5	18	3- 6	21	3- 6	21	3-28	30	11- 9	32	12- 5	28	12-10	17	12-10	17	NONE	NONE	280	279	274	226	
BANKHEAD LOCK AND DAM	101	7-31+	14	1-10	1-12	16	3- 6	20	3- 6	20	3- 6	20	3-18	32	12- 5	31	12-10	21	12-10	21	12-11	20	NONE	NONE	280	279	279	262	
CENTREVILLE WSDO	98	9-10+	14	1-11+	1-12	15	3- 6	20	3- 6	20	3- 6	20	3-28	31	12- 1	32	12- 5	28	12-10	17	12-10	17	12-11	16	333	279	279	274	248
CLANTON	100	6-30	15	1-11+	3- 5	16	3- 5	16	3- 6	22	3-28	28	3-29	32	10-15	30	12- 5	28	12-10	17	12-10	17	NONE	NONE	280	279	252	200	-
DOUBL SPRINGS	99	7-31	10	1-28	3- 5	13	3- 5	13	3-17	23	3-28	28	3-28	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FAYETTE	103	7-31	-	-	3- 5	16	3- 5	16	3- 5	16	3- 6	28	3-28	29	-	-	-	-	12-10	12	12-10	12	12-10	12	280	280	280	-	-
HALEYVILLE 3 NE	95	8-19+	9	2-22	3- 5	13	3- 5	13	3- 5	13	3- 5	13	3-28	30	10- 8	32	10-15	28	-	-	-	-	-	-	-	-	224	194	
HAMILTON 3 S	100	9-10	10	2-23+	3- 6	12	3- 6	12	3- 7	24	3-29	25	4-22	29	10- 7	31	10-15	28	12- 5	23	12-10	11	12-10	11	279	279	273	200	168
JASPEP 4 N	100	7-30	12	1- 9	3- 6	16	3- 6	16	3- 6	16	3-28	27	4-22	32	10- 9	31	12- 5	26	12-10	13	12-10	13	12-10	13	279	279	252	170	
THORSPY EXP STATION	98	9- 9	14	1-11	1-18	15	2-22	19	3- 5	21	3- 5	21	3-28	32	10-17	32	-	-	-	-	12-10	18	NONE	NONE	291	-	-	203	
TUSCALOOSA FAA AP	101	6-29	14	1-11+	1-29	15	2-22	20	3- 5	22	3- 5	22	3-18	32	12- 6	32	12- 9	21	12- 9	21	NONE	NONE	NONE	NONE	279	279	279	263	
TUSCALOOSA OLIVER DAM	99	7-31+	15	1-29	1-29	15	2-8	20	3- 6	21	3- 6	21	3-18	32	12- 5	30	12-10	20	12-10	20	12-10	20	NONE	NONE	305	279	279	262	
VERNON 2 N	99	7-30	12	12-10+	3- 5	13	3- 6	19	3-17	24	3-28	26	4-21	32	10- 8	31	10-29	28	12-10	12	12-10	12	12-10	12	280	279	268	215	170
WINFIELD 2 SW	98	8-19+	13	12-11+	3- 6	16	3- 6	16	3- 6	16	3-28	27	4-21	32	10-15	30	12- 5	25	12-10	13	12-10	13	12-10	13	279	279	279	252	177
* * *																													
EASTERN VALLEY 04																													
ANNISTON FAA AP	99	7-31	15	1-11	1-11	15	3- 5	18	3- 5	18	3-17	28	3-28	32	10-15	32	12- 6	28	12-10	20	12-10	20	NONE	NONE	280	280	264	201	
CALERA 2 SW	101	6-28	12	2-22+	3- 5	13	3- 5	13	3-17	24	3-28	26	3-29	29	10-15	30	-	-	12-10	17	12-10	17	-	-	280	268	-	200	
CENTRE 4 SW	97	7-23+	12	1- 9	2-20	15	3- 5	17	3- 6	24	3-18	25	3-28	29	10-15	30	12- 6	28	12-10	21	NONE	NONE	NONE	NONE	279	263	201		
CHILCOTTSBURG WTR PLANT	98	9- 9	14	1-11	1-11	14	3- 4	17	3- 5	21	3-18	27	3-28	29	10-15	31	12- 6	27	12-10	20	12-10	20	12-15	16	338	281	280	263	201
GADSDEN STEAM PLANT	98	8- 5	12	1-11+	2- 8	15	3- 6	19	3- 6	19	3-18	27	3-28	31	-	-	-	-	12-10	20	12-10	20	12-15	16	281	280	263	201	-
TALLADEGA	99	8-25	12	1-12+	3- 5	16	3- 5	16	3-19	22	3-19	22	3-29	29	10- 9	30	10-20	28	12- 6	24	12-10	14	12-10	14	280	280	262	215	194
* * *																													
PIEDMONT PLATEAU 05																													
ALEXANDER CITY	100	6-30	16	1-11	1-11	16	3- 5	18	3- 6	23	3- 6	23	3-28	32	12- 5	32	12-10	20	12-10	20	12-10	20	NONE	NONE	280	279	279	252	
ANDALUSIA 2 SSE	95	7-10	13	1-12+	3- 6	16	3- 6	16	3- 6	16	3-19	27	3-28	31	12- 5	31	12- 6	27	12-10	18	12-10	18	NONE	NONE	279	279	262	251	
AUBURN AGRONOMY FARM	101	7- 1+	15	1-11	1-11	15	3- 5	19	3- 6	22	3- 6	22	3-28	31	12- 6	31	12-10	20	12-10	20	12-10	20	NONE	NONE	280	279	279	253	
HEFLIN	98	7- 1+	10	1-11+	3- 5	12	3- 6	20	3-18	24	3-28	27	4-22	29	10- 9	31	10-16	27	12- 6	22	12-10	17	12-15	15	285	279	263	202	170
LAFAYETTE	100	6-29	13	1-11+	3- 5	15	3- 5	15	3- 5	15	3-28	28	3-28	28	10-15	30	12- 6	28	12-10	18	12-10	18	NONE	NONE	280	280	253	201	
MARTIN DAM	98	7- 1	15	1- 9	1- 9	15	2-22	20	3- 4	22	3- 5																		



Table 3

## TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA  
1978

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16' or below		20' or below		24' or below		28' or below		32' or below		32' or below		28' or below		24' or below		20' or below		16' or below		16' or below	20' or below	24' or below	28' or below	32' or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
BREWTON 3 SSE	102	6-29	17	1-11*	NONE		3- 5 20	3- 5 20	3- 6 27	3-28 30			12- 6 30	12-10 23	12-10 23	NONE	NONE									280	279	253	
CAMDEN 3 NW	100	6-30	19	1-12*	NONE		2-20 20	3- 5 23	3- 6 28	3-28 32			12- 5 31	12-10 23	12-10 23	NONE	NONE									280	279	252	
CHATON 4 N	100	6-29	12	1-10	1-10 12		2-22 18	3- 5 22	3- 5 22	3-27 31			12- 5 29	12-10 20	12-10 20	12-10 20	NONE	NONE								280	280	253	
CLAYTON	100	6-30	16	1-11	1-11 16		2- 5 20	3- 5 20	3- 6 28	3-17 30			12-10 21	12-10 21	12-10 21	NONE	NONE									280	279	268	
ENTERPRISE 5 NNW	101	6-30	18	1-11	NONE		1-12 20	3- 5 22	3- 6 28	3- 8 25			12-10 24	12-10 24	12-10 24	NONE	NONE									280	279	279	
EMFAULA WILDLIFE REF	104	6-30	17	1-11	NONE		1-12 20	3- 5 22	3- 6 27	3-28 31			-	-	-	NONE	NONE									-	-	-	
EVERGREEN	100	6-30	17	1-11	NONE		2-22 19	3- 5 21	3- 6 28	3-28 30			12- 5 32	12-10 21	12-10 21	NONE	NONE									280	279	252	
FAIRBORN CITY	100	6-30	18	1-11*	NONE		2- 6 20	3- 5 23	3- 6 28	3- 7 30			-	-	-	NONE	NONE									-	-	-	
GENEVA 2	100	6-30	19	1-12	NONE		1-12 19	3- 5 23	3- 5 23	3- 6 29			12-10 24	12-10 24	12-10 24	NONE	NONE									280	280	279	
GILBERTOWN	101	6-29	-	-	-		3- 5 18	3- 5 18	3-18 28	3-29 30			-	-	-	-	-									-	-	-	
GREENVILLE	98	9-21*	16	1-11	1-11 16		3- 5 18	3- 5 18	3- 6 27	3-28 29			12- 5 32	12-10 21	12-10 21	NONE	NONE									280	279	252	
HEADLAND	100	6-30	18	1-11	NONE		1-12 19	3- 5 23	3- 6 28	3- 6 28			12-10 25	12-10 25	NONE	NONE	NONE									279	279		
HIGHLAND HOME	100	6-30	15	1-12	1-12 15		3- 5 19	3- 5 19	3- 5 19	3-29 30			12- 5 31	12-10 21	12-10 21	NONE	NONE									280	280	251	
OTARK 6 NNW	103	6-29	18	1-11*	NONE		1-11 18	3- 5 23	3- 5 23	3-27 32			12- 5 32	12-10 22	12-10 22	NONE	NONE									280	280	253	
PITTSVIEW	102	6-30	13	1-12*	3- 5 16		3- 5 16	3- 6 23	3-28 27	3-29 32			10- 9 30	10-15 28	12-10 22	12-12 20	NONE								282	279	201	194	
THOMASVILLE	100	9-21	16	1-10	1-10 16		3- 5 20	3- 5 20	3-17 28	3-28 31			-	12-10 20	12-10 20	12-10 20	NONE	NONE								280	280	268	
TROY	100	6-29	17	1-11	NONE		2- 6 20	3- 5 21	3- 5 21	3-18 32			12- 5 31	12-10 21	12-10 21	NONE	NONE									280	280	262	
WATLEY	101	6-29	14	1- 9	2-22 16		3- 5 18	3- 5 18	3- 6 27	3-18 30			11- 9 32	12- 5 28	12-10 22	12-11 19	NONE									281	280	274	236
• • •																													
GILE	08																												
BAY MINETTE 3 NNW	99	6-29	19	2-22*	NONE		2-22 19	3- 5 22	3- 5 22	3-27 30			12- 5 31	12-10 22	12-10 22	NONE	NONE									280	280	253	
CODEN	98	6-29*	20	1-15	NONE		1-15 20	3- 5 24	3- 5 24	3-17 32			12-10 25	12-10 25	NONE	NONE	NONE									280	280	268	
DAUPHIN ISLAND 2	98	7-10*	26	1- 9	NONE		NONE	NONE	-	-			NONE	NONE	NONE	NONE	NONE									-	280	280	
FAIRMORE 2 NE	98	6-29	22	1-11*	NONE		NONE	-	3- 5 27	3- 5 27			12-10 24	12-10 24	12-10 24	NONE	NONE									280	280		
MOBILE WSO AP	98	7- 4	20	1-10	NONE		1-10 20	2-22 22	3- 5 27	3- 5 27			12- 9 31	12-10 26	NONE	NONE	NONE									280	279		
ROBERTSDALE	98	6-30*	23	1-15*	NONE		NONE	2-23 24	3- 6 27	3- 6 27			12-10 26	12-10 26	NONE	NONE	NONE									279	279		
• • •																													
STATE EXTREMES																													
EMFAULA WILDLIFE REF	104	6-30																											
ATHENS 2			7	1-10																									
RUSSELLVILLE 2				2-22																									
SAND MT SUBSTA AU				1-10																									
VALLEY HEAD				1-10*																									

See Reference Notes Following Station Index

# SOIL TEMPERATURES

ALABAMA

1978

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
AUBURN AGRONOMY FARM	(1N)																											
	2		41.1	61 32	44.3	62 33	55.5	83 33	69.9	92 48	77.5	104 58	86.7	108 66	89.8	111 72	86.1	105 72	86.4	106 69	73.5	93 52	65.1	84 48	50.0	70 35	68.8	111 32
	4		41.5	58 32	43.9	57 35	54.7	77 35	68.2	85 51	75.3	96 58	85.0	104 69	86.1	109 74	84.6	100 73	84.8	99 72	72.6	89 56	64.9	80 49	50.4	67 37	67.8	109 33
BREWTON 3 ENE	(1N)																											
	2		40.8	56 35	42.2	53 35	52.7	70 38	65.9	78 53	73.5	90 60	83.2	106 72	86.2	104 77	82.7	94 72	83.6	93 73	71.7	83 60	64.0	76 49	50.0	64 40	66.3	106 35
	4		43.6	63 34	46.9	66 35	59.1	82 38	72.4	92 55	77.8	100 58	86.4	105 71	87.3	104 75	86.6	103 74	85.7	102 69	72.5	89 56	67.4	83 55	53.1	73 38	69.9	104 34
HEADLAND	(1N)																											
	2		42.7	62 32	44.4	60 32	57.8	79 37	71.9	88 52	78.7	100 61	86.4	100 69	87.0	102 70	84.3	95 77	82.5	95 64	69.5	82 41	63.3	77 50	53.0	69 40	68.5	102 33
	4		42.5	58 37	43.9	55 37	53.8	73 38	68.4	83 55	75.6	95 60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PITTSVIEW	(1N)																											
	2		43.5	60 36	45.7	59 37	56.3	76 38	68.2	83 53	74.6	89 61	84.5	101 71	88.2	100 77	84.5	95 75	82.0	- 75	73.5	86 60	67.4	80 59	53.0	70 39	68.4	101 36
	4		43.9	61 36	46.8	66 37	55.5	78 40	68.9	88 50	75.4	94 60	83.2	96 70	89.1	101 78	86.0	100 76	84.2	98 74	74.0	88 55	65.7	80 53	52.0	68 39	68.7	101 36
THORSBY EXP STATION	(1N)																											
	2		40.1	57 35	41.4	55 35	51.9	72 38	67.7	82 54	72.9	90 56	83.6	99 68	87.6	100 75	86.5	98 76	81.7	95 70	68.4	85 53	61.7	75 49	49.2	68 38	66.0	100 35
	4		40.1	57 35	41.4	55 35	51.9	72 38	67.7	82 54	72.9	90 56	83.6	99 68	87.6	100 75	86.5	98 76	81.7	95 70	68.4	85 53	61.7	75 49	49.2	68 38	66.0	100 35
WINFIELD 2 SW	(1N)																											
	2		40.1	57 35	41.4	55 35	51.9	72 38	67.7	82 54	72.9	90 56	83.6	99 68	87.6	100 75	86.5	98 76	81.7	95 70	68.4	85 53	61.7	75 49	49.2	68 38	66.0	100 35
	4		40.1	57 35	41.4	55 35	51.9	72 38	67.7	82 54	72.9	90 56	83.6	99 68	87.6	100 75	86.5	98 76	81.7	95 70	68.4	85 53	61.7	75 49	49.2	68 38	66.0	100 35

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Table 4

## TOTAL EVAPORATION AND WIND MOVEMENT

ALABAMA  
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Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * NORTHERN VALLEY C1														
HUNTSVILLE WSC AP	EVAP	-	-	3.90c	5.90c	6.27c	6.04c	6.22c	6.89	5.15c	4.85	3.11	-	-
	WIND	-	-	256.8	199.4	196.3	156.0	161.8	139.3	146.8	167.1	152.7	-	-
	MAX	-	-	67.4	79.6	55.3	55.4	99.9	96.4	91.4	77.7	69.8	-	-
	MIN	-	-	45.0	57.0	64.9	73.6	75.6	76.1	71.9	54.4	53.6	-	-
* * * UPPER PLAINS C3														
WINFIELD 2 SW	EVAP	-	-	3.68	5.57	6.21c	7.02c	7.85c	7.02	4.73	4.51	2.48c	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * PIEDMONT PLATEAU C5														
AUBURN AGRONOMY FARM	EVAP	-	-	-	6.54c	-	7.81	7.50c	6.81c	5.5c	5.60	3.78	-	-
	WIND	-	-	179.8	125.2	121.1	93.6	80.0	56.2	44.8	60.0	85.9	146.1	-
	MAX	-	-	66.1	79.6	87.3	94.7	97.1	94.4	91.1	77.7	70.3	53.6	-
	MIN	-	-	43.8	52.2	60.7	69.7	72.2	71.5	67.3	50.7	48.6	35.8	-
MARTIN DAM	EVAP	-	2.10c	3.84	5.16c	6.00c	6.57c	6.18	-	5.19c	4.52	3.06c	3.35c	-
	WIND	-	1426	1359	1131	901	947	725	-	716	1192	1061	1425	-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * PRAIRIE C6														
DEMOPOLIS LOCK AND DAM	EVAP	-	-	3.94c	6.24c	6.30c	7.32c	7.54c	6.81	5.36	4.50	3.09	-	-
	WIND	-	-	216.4	143.3	124.8	27.8	67.5	80.7	90.4	118.5	121.3	209.8	-
	MAX	-	-	67.8	84.9	69.2	98.8	100.7	98.5	92.9	79.1	72.0	58.7	-
	MIN	-	-	43.4	55.3	64.0	72.3	74.5	73.0	69.8	52.0	51.1	42.6	-
* * * COASTAL PLAIN C7														
HEADLAND	EVAP	-	-	3.62c	-	6.27	6.92	6.74	5.57	5.20	4.00	2.36	2.13	-
	WIND	-	-	73.6	-	96.6	104.3	-	104.0	-	85.5	74.7	65.0	-
	MAX	-	-	41.1	-	64.1	71.0	73.1	72.0	69.9	54.7	51.7	42.0	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * GULF C8														
FAIRHOPE 2 NE	EVAP	-	-	3.80c	5.86c	6.62c	-	5.90c	6.07c	4.85c	4.46	2.23c	1.19	-
	WIND	-	-	.04	.89	.35	-	.06	.28	.38	.69	.17	.44	-
	MAX	-	939	1096	933	729	524	510	465	396	514	429	713	-
	MIN	-	57.0	72.8	66.5	92.9	97.7	97.0	98.1	93.5	62.8	71.4	57.2	-
		-	37.4	47.3	58.2	67.4	72.7	74.7	74.0	71.7	57.1	54.9	42.0	-

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Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ABBEVILLE 1 NNW	0008	07	HENRY	431 35	85 17	465		25					2 C
ADOISON	0063	03	WINSTON	234 13	87 11	795							C
ALBERTA	0140	07	WILCOX	132 14	87 25	175		38					2 C
ALEXANDER CITY	0160	05	TALLAPOOSA	1132 57	85 57	660	10	10					1 2 3 C
ALICEVILLE	0178	03	PICKENS	1333 08	88 10	135	21	39					1 2 3
ANDALUSIA 1 NW	0252	07	COVINGTON	631 19	86 30	242	41	41					1 2 3
ANNISTON FAA AP	0272	04	CALHOUN	733 35	85 51	611	32	32					1 2 3
ARLEY 3 S	0338	03	WINSTON	234 04	87 13	500							2
ASHLAND 2 SSE	0369	05	CLAY	1133 15	85 50	1091	22	22					1 2 3 C
ATHENS 2	0395	01	LIMESTONE	1234 48	86 59	720	24	24					1 2 3
ATMORE	0407	07	ESCAMBIA	831 01	87 30	294	15	15					1 2 3 C
AUBURN AGRONOMY FARM	0430	05	LEE	1132 36	85 30	652	3	3		3			1 2 34 G
AUTUGAVILLE 3 N	0440	03	AUTAUGA	132 28	86 41	200		38					2
BANKHEAD LOCK AND DAM	0505	03	TUSCALOOSA	233 27	87 21	280	23	40					1 2 3
BAY MINETTE 3 NNW	0583	08	BALOWIN	930 55	87 47	278	54	60					1 2 3
BEATRICE 1 F	0616	07	MONROE	131 44	87 12	178	12	12					1 2 3
BELLE MINA 2 N	0655	01	LIMESTONE	1234 42	86 53	600	30	30					1 2 3
BERRY	0748	03	FAYETTE	233 40	87 36	452						INAC	C
BESSEMER 3 WSW	0764	02	JEFFERSON	233 24	87 00	445	23	26					1 2 3 C
BIRMINGHAM WFO	0829	02	JEFFERSON	233 28	86 50	744	1	1			OCT		1 2 3 C
BIRMINGHAM FAA AP	0831	02	JEFFERSON	233 34	86 45	625	41	41					1 2 3
BOAZ	0957	02	MARSHALL	234 13	86 10	1070		38					2 C
BRANTLEY	1069	07	CRENSHAW	631 35	86 16	274	22	49					1 2 3
BRENTON 3 ENE	1080	07	ESCAMBIA	631 07	87 02	160	2	2					1 2 3 G
BRENTON 3 SSE	1084	07	ESCAMBIA	631 04	87 03	85	61	64					1 2 3
BROOKWOOD	1143	03	TUSCALOOSA	233 16	87 17	606		18					2
BRUNOIDGE	1178	07	PIKE	531 43	85 49	510		49					2
CALERA 2 SW	1288	04	SHELBY	733 05	86 47	540	23	79					1 2 3
CAMDEN 3 NW	1301	07	WILCOX	132 02	87 19	235	18	18					1 2 3
CARBON HILL	1377	03	WALKER	233 54	87 32	430		40					2
CENTRE 4 SW	1512	04	CHEROKEE	734 07	85 44	617	23	23					1 2 3
CENTREVILLE WSMO	1525	03	8188	332 54	87 15	456	4	4					1 2 3
CHATM 4 N	1566	07	WASHINGTON	1331 32	88 15	285	30	30					1 2 3
CHILBERSBURG WTR PLANT	1620	04	TALLADEGA	733 17	86 20	418	22	22					1 2 3
CLAIBORNE	1690	07	MONROE	131 32	87 31	183		27					2
CLANTON	1694	03	CHILTON	732 51	86 38	580	86	86					1 2 3
CLAYTON	1725	07	BARBOUR	531 53	85 28	596	23	51					1 2 3
CODEN	1803	08	MOBILE	930 23	88 14	12	22	22					1 2 3
COFFEE SPRINGS 2 NW	1807	07	GENEVA	531 11	85 56	250		56					2
COLBERT STEAM PLANT	1819	01	COLBERT	1234 45	87 51	470							C
COLLINSVILLE	1849	02	DE KALB	734 15	85 53	750		41			10/77		2
CORDOVA 2 ENE	1940	03	WALKER	233 45	87 09	320		76					2
COTTONTON	1974	07	RUSSELL	432 09	85 04	217		20					2
CUBA	2079	06	SUMTER	1332 26	88 23	215		39					2
DADEVILLE	2119	05	TALLAPOOSA	1132 49	85 45	630		66					2
DADEVILLE 2	2124	05	TALLAPOOSA	1132 50	85 46	730							C
DAUPHIN ISLAND 2	2172	08	MOBILE	930 15	88 05	8	30	30					1 2 3 C
DAYTON I N	2188	06	MARENGO	1332 22	87 39	230	31	39					1 2 3
DELTA	2235	05	CLAY	1133 26	85 42	1030		22				INAC	2
DEMOPOLIS LOCK AND DAM	2245	06	MARENGO	1332 31	87 50	100	28	28		22			1 2 34
DOTHAN	2377	07	HOUSTON	531 12	85 24	275							C
DOUBLE SPRINGS	2386	03	WINSTON	234 09	87 25	810	22	22				OCT	1 2 3
ELBA	2577	07	COFFEE	1031 25	86 04	195		51					2
ELROD	2632	03	TUSCALOOSA	1333 15	87 48	252		39					2
ENTERPRISE 5 NNW	2675	07	COFFEE	531 23	85 54	469	13	13					1 2 3 C
EUFULA WILDLIFE REF	2730	07	BARBOUR	431 59	85 06	215	12	12					1 2 3
EVERGREEN	2758	07	CONECUH	631 27	86 56	290	18	18					1 2 3
FAIRHOPE 2 NE	2813	08	BALOWIN	930 33	87 53	23	61	61		61			1 2 34
FALKVILLE 1 E	2840	01	MORGAN	1234 22	86 53	625		22					1 2 3
FAYETTE	2883	03	FAYETTE	1333 41	87 49	365	44	53					1 2 3
FORT PAYNE	3043	02	DE KALB	734 27	85 43	934		37					2 C
FRISCO CITY	3105	07	MONROE	831 27	87 23	400	30	49					1 2 3
GAOSEN STEAM PLANT	3154	04	ETOWAH	734 02	86 00	565	26	26					1 2 3
GAINESVILLE	3160	06	SUMTER	1332 49	88 09	130	21	42					1 2 3
GARDEN CITY	3200	02	CULLMAN	234 01	86 45	500		38					2
GENEVA 2	3251	07	GENEVA	531 03	85 53	145	3	3					1 2 3
GEORGIANNA	3271	07	BUTLER	631 38	86 44	285		23					2
GILBERTOWN	3308	07	CHOCTAW	1331 53	88 20	128	21	21				INAC	1 2 3
GORGAS	3430	03	WALKER	233 39	87 12	300		42					2
GREENSBORO	3511	06	HALE	232 42	87 35	220	100	111					1 2 3
GREENVILLE	3519	07	BUTLER	631 51	86 38	530	97	80					1 2 3 C
GUNTERSVILLE	3573	02	MARSHALL	1234 20	86 19	578	25	25					1 2 3
GUNTERSVILLE TVA	3578	02	MARSHALL	1234 22	86 17	605		36					C
HALEYVILLE 3 NE	3621	03	WINSTON	234 16	87 35	950	42	42					1 2 3 C
HAMILTON 3 S	3645	03	MADISON	1334 06	87 59	435	19	41					1 2 3 C
HANCEVILLE	3655	02	CULLMAN	234 03	86 46	530							C
HAYNEVILLE	3748	06	LOWNDES	132 11	86 35	170	21	40					1 2 3
HEADLAND	3761	07	HENRY	531 21	85 20	370	29	29			2		1 2 34 G
HEFLIN	3775	05	CLEBURNE	1133 39	85 36	850	23	23					1 2 3
HIGHLAND HOME	3816	07	CRENSHAW	631 57	86 19	594	87	87					1 2 3

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								Temp.	Precip.	Evap.	Month opened	Month closed	
HIGHTOWER	3842	05	CLEBURNE	1133	32	85 24	1175		35				2
HOOGES	3899	01	FRANKLIN	1334	20	87 56	840		41				2
HUNTSVILLE WSO AP	4064	01	MAOISON	1234	39	86 46	624	20	20	3			1 2 3 4 C
HURTSBURD	4080	07	RUSSELL	432	15	85 24	400		1		MAR		2
JACKSON	4193	07	CLARKE	1331	30	87 54	220		13				2 C
JACKSONVILLE	4209	04	CALHOUN	733	49	85 47	690		22			INAC	2 C
JASPER 4 N	4226	03	WALKER	233	54	87 16	525	18	18				1 2 3
JORDAN OAM	4306	05	ELMORE	732	37	86 15	290		42				2
KINSTON	4431	07	COFFEE	1031	14	86 11	270		14				2
LAFAYETTE	4502	05	CHAMBERS	432	54	85 24	830	30	30				1 2 2
LAY DAM	4603	03	CHILTON	732	58	86 31	420		42				2
LEEOS	4619	02	JEFFERSON	333	33	86 33	636		62				2
LEESBURG	4627	04	CHEROKEE	734	11	85 46	589		86				2
LIVINGSTON 2 SW	4798	06	SUMTER	1332	35	88 12	160	80	76				1 2 3
LOUISVILLE	4884	07	BARBOUR	531	47	85 33	480		21				2
MARION 6 NE	5112	06	PERRY	332	42	87 16	173		12				2 C
MARION JUNCTION 2 NE	5121	06	OALLAS	332	28	87 13	200	29	29				1 2 3 C
MARTIN OAM	5140	05	ELMORE	1132	40	85 55	340	29	54	29			1 2 3 4
MATHEWS 1 S	5172	06	MONTGOMERY	1132	15	86 00	195		22				2
MELVIN	5354	07	CHOCTAW	1331	56	88 27	350		38				2
MIDWAY	5397	06	BULLOCK	432	04	85 31	495						C
MILSTAD	5439	06	MACON	1132	27	85 54	201		78				2
MINTER 3 NW	5449	06	OALLAS	132	06	87 02	370	22	22				1 2 3
MITCHELL OAM	5465	03	CHILTON	732	48	86 27	350		42				2
MOBILE WSO AP	5478	08	MOBILE	930	41	88 15	211	35	35				1 2 3 C
MONTEVALLO	5537	04	SHELBY	333	06	86 52	462		38				2
MONTGOMERY WSO AP	5550	06	MONTGOMERY	132	18	86 24	221	35	35				1 2 3 C
MOULTON 2	5635	01	LAWRENCE	1234	29	87 18	645	22	22				1 2 3
MUSCLE SHOALS FAA AP	5749	01	COLBERT	1234	45	87 37	540	89	95				1 2 3
NEW MARKET 2	5867	01	MAOISON	1234	55	86 27	725	20	31			INAC	1 2 3
NEWTON	5875	07	OALE	531	20	85 37	260		63				2
ONEONTA	6121	02	BLOUNT	233	57	86 29	870	68	77				1 2 3
OPELIKA	6129	05	LEE	1132	38	85 23	755	22	22				1 2 3
OZARK 6 NNW	6218	07	OALE	531	32	85 41	470	77	89				1 2 3
PAINT ROCK 2 N	6226	02	JACKSON	1234	42	86 20	635						C
PALMERDALE 2 W	6246	02	JEFFERSON	233	46	86 40	798		31				2
PERRYVILLE	6362	06	PERRY	332	36	87 09	500		37				2
PETERMAN	6370	07	MONROE	131	35	87 16	195						C
PICKENSVILLE 2	6418	03	PICKENS	1333	14	88 17	180		38				2
PINE APPLE	6436	07	WILCOX	131	53	87 00	230		12				2
PINE LEVEL	6468	06	MONTGOMERY	632	04	86 04	506		39				2
PITTSVIEW	6501	07	RUSSELL	432	11	85 10	380	11	11				1 2 3 C
PLANTERSVILLE 2 SSE	6508	03	AUTAUGA	132	37	86 54	230		39				2
REO BAY	6805	01	FRANKLIN	1234	26	88 08	680	22	29				1 2 3
REFORM 2 F	6847	03	PICKENS	1333	23	87 59	271		41				2
RIVER FALLS	6937	07	COVINGTON	631	22	86 32	205		51		JUL		2
RIVER FALLS 2 NE	6942	07	COVINGTON	631	22	86 31	190						C
ROBERTS DALE	6988	08	BALOWIN	930	34	87 44	155	49	67				1 2 3
ROCKFORD 2 NNW	7020	05	COOSA	732	54	86 14	670	25	25				1 2 3
ROCK MILLS	7025	05	RANDOLPH	433	09	85 18	745	44	48				1 2 3
RUSSELLVILLE 2	7131	01	FRANKLIN	1234	31	87 44	880	26	26				1 2 3
SAINT BERNARD	7157	02	CULLMAN	234	10	86 49	800	72	72				1 2 3
SAND MT SUBSTA AU	7207	02	DE KALB	1234	17	85 58	1195	29	30				1 2 3
SAYRE	7282	02	JEFFERSON	233	43	86 58	304		41				2
SCOTTSBORO	7304	02	JACKSON	1234	41	86 03	615	96	97				1 2 3
SELMA	7366	06	OALLAS	132	25	87 00	147	99	99				1 2 3
SUTTLE	7963	06	PERRY	332	32	87 11	145		30				2
TALLADEGA	8024	04	TALLAOGA	733	26	86 05	555	89	90				1 2 3
TALLAPOOSA WATER PLT	8038	06	MONTGOMERY	1132	26	86 11	177		1		APR		2
THOMASVILLE	8178	07	CLARKE	1331	55	87 44	405	87	88				1 2 3 C
THORSBY EXP STATION	8209	03	CHILTON	132	53	86 42	680	21	21				1 2 3 C
THURLOW OAM	8215	05	ELMORE	1132	32	85 54	288		42				2
TONEY	8259	01	MAOISON	1234	54	86 44	750						C
TROY	8323	07	PIKE	1031	49	85 59	580	71	83				1 2 3 C
TUSCALOOSA FAA AP	8380	03	TUSCALOOSA	233	14	87 37	169	97	100				1 2 3
TUSCALOOSA OLIVER OAM	8385	03	TUSCALOOSA	233	13	87 35	152	22	52				1 2 3 C
UNION SPRINGS 4 S	8438	06	BULLOCK	632	05	85 43	460	92	112				1 2 3
UNIONTOWN	8446	06	PERRY	132	27	87 31	265		74				2
VALLEY HEAD	8469	02	DE KALB	734	34	85 37	1042	94	94				1 2 3
VERNON 2 N	8517	03	LAMAR	1333	48	88 07	265	22	22				1 2 3 C
WAOLEY	8605	05	RANDOLPH	1133	07	85 34	640		45				2
WALLACE 2 E	8637	07	ESCAMBIA	631	12	87 11	205		38				2
WALNUT GROVE	8648	04	ETOWAH	234	04	86 19	850		37				2
WARRIOR 3 NW	8670	02	JEFFERSON	233	51	86 57	650		7				2 C
WARRIOR LOCK AND DAM	8673	06	GREENE	232	47	87 50	110		42				2 C
WEST BLOCTON	8809	03	8188	333	07	87 07	500		38				2
WETUMPKA	8859	05	ELMORE	732	32	86 12	180		87				2
WHATLEY	8867	07	CLARKE	1331	39	87 43	170	22	39				1 2 3
WINFIELD 2 SW	8998	03	FAYETTE	1333	55	87 50	468	3	45	3			1 2 3 4 G

See Reference Notes Following Station Index



Additional information regarding the climate of this State may be obtained by writing to the National Climatic Center, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA" for this State.

AVERAGES: Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 1-foot diameter unless otherwise noted below in the Evaporation and Wind table.

Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for September 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

DAILY SOIL TEMPERATURES TABLES: Included are all soil temperature stations with any data published for the calendar year, whether or not opened or closed during the year. See the reference notes of the monthly issues for information on individual stations as to soil type, ground cover, and degree of slope.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- \* Amount included in following measurement.
- ☒ Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

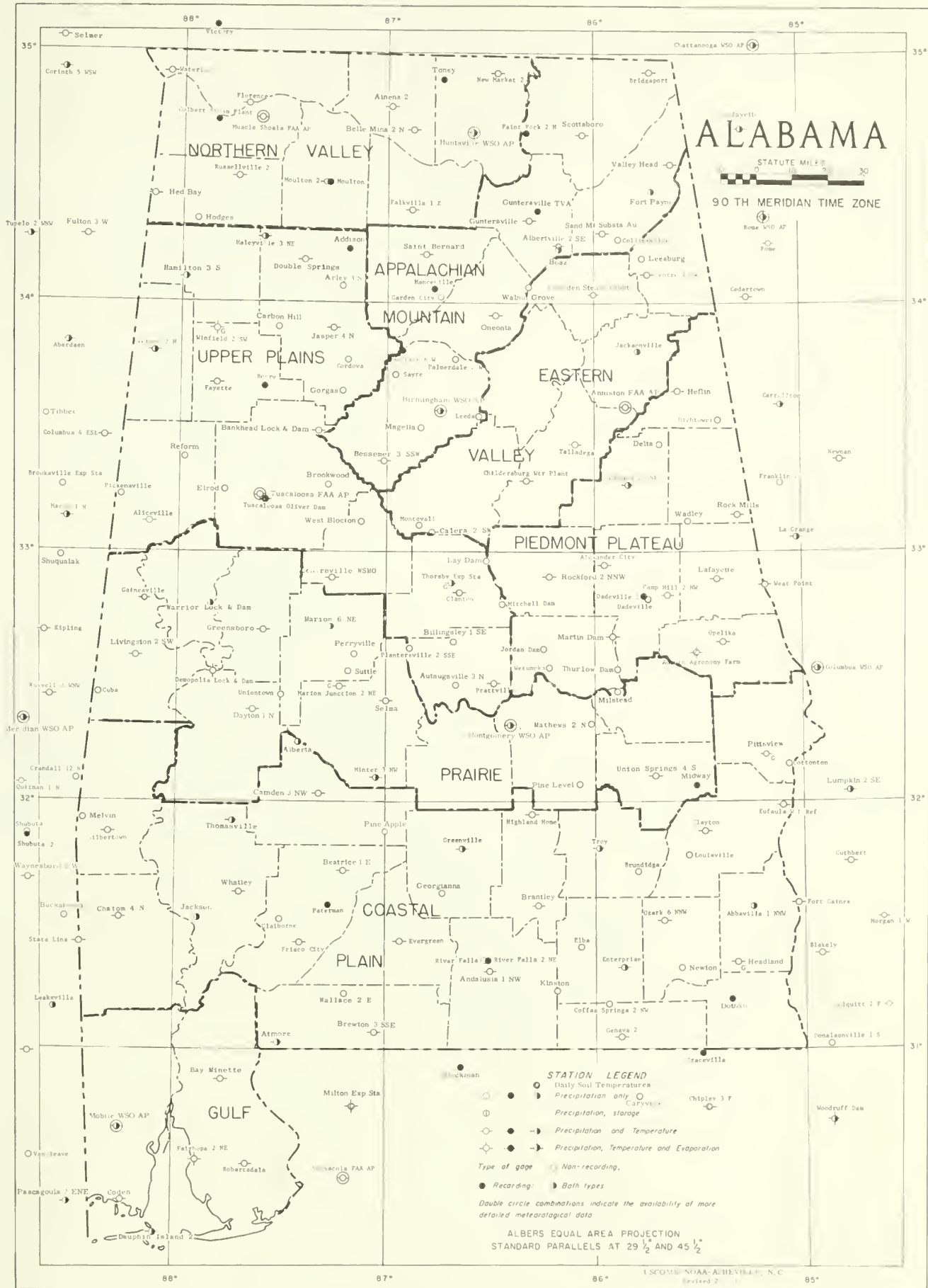
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-ALABAMA 2-BLACK WARRIOR 3-CAHABA 4-CHATTAGOOCHEE 5-CHOCTAWHATCHEE 6-CONECUH 7-COOSA 8-ESCAMBIA 9-GULF 10-PEA 11-TALLAPOOSA 12-TENNESSEE 13-TOMBIGBEE
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
- G Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. Note minimum charge and ordering instructions below.

SUBSCRIPTION PRICE: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, NC 28801. Attn: Publications.







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**THIRD CLASS**  
**BULK RATE**



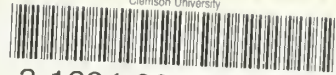








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